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Richer

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Harnden SEED CO.

1886-
1912

FIELD, GARDEN
AND FLOWER
SEEDS



KANSAS CITY, MO.



APHIS PUNK—Is a special preparation of Nicotine for the extermination of green and black fly, thrip, etc. in green houses and conservatories. Price 60c.

APHINE—The insecticide which kills green, black and white fly, brown, white and Belgium scale, red spider, thrip and mealy bug. In fact it does better work than any other insecticide known. Recommended by the leading entomologists of the country. Full directions with each package.

Prices as follows:

$\frac{1}{2}$ pint cans	\$0.40
Pint cans	0.65
Quart cans	1.00
Gallon cans	2.50

NOT PREPAID.



ARSENATE OF LEAD—1 lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 25 lb. and 50 lb. kegs at 16c; 200 lb. and 400 lb. barrels at 12 $\frac{1}{2}$ c.

The French Bordeaux Mixture

In Fine Pulp or Liquid Form

The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging, in any spraying machine. To be diluted 25 to 50 times with water and sprayed. The uniformity of its consistence permits of very fine spray and consequent large economical distribution of a small quantity evenly over a large area of surface. Prevents black rot, mildew and rust. Destroys fungous growth on vegetables. 1 Qt. can, 50c; Gal., \$1.50.

BLACK LEAF-40—A concentrated solution of Nicotine-Sulphate, is particularly desirable for all purposes requiring nicotine solution possessing "lasting properties." $\frac{1}{2}$ lb. 85c. $\frac{1}{2}$ lb. can, \$3.25; 10 $\frac{1}{2}$ lb. can, 12.50.

GRAPE DUST—Destroys mildews, prevents blights in greenhouse or hotbeds. 5 lb. pks., 40c.

HELLEBORE— $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

KEROSENE EMULSION—To kill hairy caterpillars. 1 Qt. 50c; Gal. \$1.50

NICO FUME (TOBACCO PAPER)—Sure death to black and green fly, also to thrips. In fact kills everything affected. Very easy to use and not the least disagreeable. Complete instructions with each package. Price for $\frac{1}{2}$ lb. can, 75c. Not prepaid.

NICOTINE—It is a most powerful insecticide and when used as a spray protects plants, shrubs, blooms, trees and all foliage from the attacks of insects. Small bottle 40c; $\frac{1}{2}$ pint, 75c; 1 pint \$1.50.

PARIS GREEN—1 lb. to 50 gallons of water. $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lb. at 22 $\frac{1}{2}$ c; 14, 28 and 56 lb. keg at 19c per lb.

Hammond's Slug Shot

Is One of the Great Staple Remedies to Destroy Insects That Prey on Plants of All Kinds
Perforated top carton for small gardens, dusting fowls, dogs or cats for lice. Price filled, 15c.
Perforated tin screw top canister for house plants. Can be refilled. Price, 25c.

5-Pound Package	\$0.35
10-Pound Package	0.65
25-Pound Package	1.45
Per 100 Pounds	6.00

SANITINE—The best ant, roach and insect exterminator known. Very easy to use and not poisonous. Is clean and has an agreeable odor. It is also used as a disinfectant. Pint bottle, 50c. Not prepaid.



SULPHO TOBACCO SOAP—3 oz. cake 10c; 8 oz., 20c. Not prepaid. If by mail, add 1c per ounce.

TOBACCO DUST—For fumigating. 10c per lb; 3 for 25c.

TOBACCO DUST—Fine for spraying. 10c per lb; 3 for 25c

HAND DUST SPRAYER—for applying. 1.00 each.

TOBACCO EXTRACT—For vaporizing and spraying. Destroys Aphides and red spiders. 50c per pt.

WHALE OIL SOAP—Makes an excellent wash for trees and plants where insects and eggs affect the bark. $\frac{1}{4}$ lb. box, 10c; $\frac{1}{2}$ lb. box, 15c.

Kansas City, Mo.

Date Forward by (State whether wanted by)
(Mail, Express or Freight)

Please Do No Write Here

Name

Street, P. O. Box or
Rural Delivery

Post Office

Express Office (If Different
From P. O.)

County State

Amount Enclosed State whether P. O. Order,
Express Money Order, Draft,
Postage Stamps or Cash \$

KANSAS CITY PRESS, KANSAS CITY, MO

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We Will Esteem It a Favor if you will give us the address of any of your friends or neighbors below who would be likely to buy seeds or other goods in our line.

The Harnden Seed Company's

Annual Catalogue

For 1912

HOW TO REDUCE THE HIGH COST OF LIVING.

Of the many theories advanced and reasons given for the high cost of living; every one from the street corner orator to the president have a different theory and all are trying to find the goat.

The fact that we are rapidly changing from a producing nation to a consuming one, we believe the future generation will find to be the root of the evil.

Many people in the ordinary walks of life may obtain the needed exercise, thorough enjoyment and pecuniary remuneration by having a back yard garden. Instead of allowing their own and other adjoining vacant lots to go to weeds, or, paying a dollar or two each month to cut them during the summer season, see that they are cultivated and planted with good seed.

The following illustration from one of the employees of our firm, will give some little idea as to the possibility of reducing the cost of living. This young lady had become thoroughly imbued with the idea of gardening. While clerking here she became the wife of a young business man, bought a little home with a fifty-foot lot on the South side, and immediately began planting her vegetable and flower seeds. With no other help than

that of herself and husband, they had good fresh vegetables on their table during the summer, flowers for themselves and friends, and from that little garden sold over \$30.00 worth of vegetables.

A few dollars spent in seeds, tools and fertilizer would decrease your cost and increase your enjoyment of living. We have two stores, one at 505 Walnut St., and our up-town store 1418 Grand Avenue, where all goods in this catalogue can be obtained. We deliver to all parts of the City, orders amounting to \$1.00 and over.

During the twenty-six years in business here, we have made every effort to furnish our customers with the very best seed and bulbs. All our seeds are tested before being sent out and stocks obtained from the most reliable growers in this country and Europe.

Our catalogues are issued annually, January first, the general garden seed catalogue, and September first bulb catalogue, seeds and bulbs for fall planting. These are sent on application.

THE HARNDEN SEED CO.,

January 1, 1912. Kansas City, Mo.

SEEDS BY MAIL—We pay postage on all Vegetable and Flower seeds offered in this catalogue by packet, ounce, quarter pound and pound, unless otherwise noted. We guarantee safe delivery by mail, postage prepaid.

SEEDS BY EXPRESS OR FREIGHT—When Seeds are ordered sent by Freight or Express not prepaid 8 cents for a pound may be deducted from prices in this catalogue.

PINTS AND QUARTS—Pints, Quarts and Four Quarts, ordered at list prices, 15 cents per quart, 10 cents per pint, must be added for postage or express charges and they will then be sent free.

PECK, BUSHEL AND BARREL LOTS—The Freight or Express charges must be paid by purchasers when shipment is received.

MARKET GARDENERS OR OTHER LARGE PLANTERS requiring larger quantities of Seeds than are here quoted are invited to write for **Our Special Price List**. This we cannot send to private gardeners, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.

It pays to order heavy seeds and large quantities by Freight or Express, but it must be done somewhat earlier in the season to insure delivery on time.

IN REMITTING Send Money by Express, Kansas City Draft, Registered Letter or P. O. Money Order; we also take postage stamps to any amount. We do not send goods C. O. D. unless 50 per cent of the money is sent with order.

DISCOUNTS.

1—On Seeds in Packets and Ounces:

Purchasers may make selections of seeds in Packets and Ounces at the following discounts:

When sending \$1.00, to the value of \$1.25.

When sending \$2.00 to the value of \$2.50.

When Sending \$3.00, to the value of \$3.75.

When sending \$4.00, to the value of \$5.00.

When sending \$5.00, to the value of \$6.25

These discounts do not apply to seeds sold in larger quantities than one ounce, nor on collections, bulbs, plants, or tools. For all of these the published prices must be sent.

2—On Seeds in Bulk.

From catalogue prices by the ¼ pound, pounds, peck or bushel (except on grass, clover and other field seeds), when cash is sent with order, purchaser may deduct 5 per cent on an order of from \$3.00 to \$5.00, and 10 per cent on an order from \$6.00 to \$10.00.

OUR GUARANTEE.

So many different conditions may arise regarding the germination or growth of seeds, bulbs or plants, such as planting too shallow, or too deep, destruction by insects, frosts, chemical changes, etc., that we are forced to sell our seeds under the non-guarantee rule by all seedsmen, viz.: The Harnden Seed Company, while they exercise the greatest care in the selection of their seeds, give no warranty, express or implied, as to description, purity, productiveness of any seeds, bulbs or shrubs they send out and they do not in any way guarantee them to grow or be responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

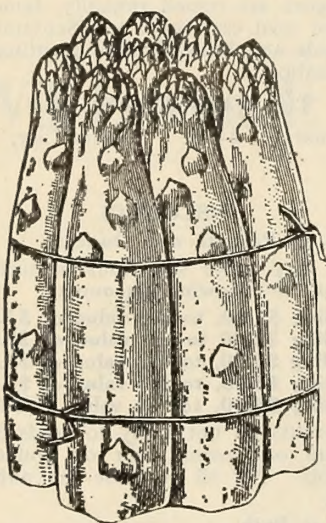
ASPARAGUS

Culture—The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds 5 feet wide, three rows in a bed, the outer being each 1 foot from the edge, and 12 inches in the row; set the plants with roots well spread, about 6 inches below the surface. After the plants are well started, give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure applied, and in the spring forked in, after which one quart of salt to each square rod put on the ground will be found very beneficial. The next season the bed may be cut over two or three times, but if this is done, all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. For market on a large scale, set 4 feet apart one way and $1\frac{1}{2}$ the other; to grow plants from seed, sow in drills 1 inch deep in rows 1 foot apart; soak the seed before planting.

Argenteuil—Grows to large size. Vigorous, free from rust. Delightful flavor. Per packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Conover's Colossal—A productive and popular sort, and probably as good as any. Pkt., 5c; oz. 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Palmetto—Earlier than the Colossal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.



Columbian Mammoth White.

Columbian Mammoth White—A new variety with white shoots, stay white without earthing up or blanching. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

Asparagus Roots—By purchasing good, strong roots, two years' time is saved. At prices given by express, purchaser pays the charges when received.

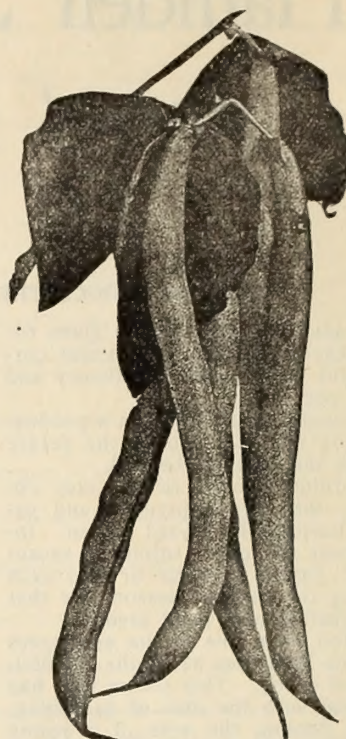
STRONG TWO-YEAR-OLD ROOTS.

	By mail postpaid	By exp. not paid
	Doz.	100 100 1,000
Columbian Mammoth White	25c \$1.35 \$1.00 \$5.50	
Palmetto	25c 1.35 1.00 5.50	
Conover's Colossal	25c 1.35 1.00 5.50	

50 at the 100 rate. 500 at the 1,000 rate. Special prices on larger quantities.

Asparagus Culture—A book giving all possible details as to growing, soil, marketing, canning, etc., for home use or market; cloth, 60c, postpaid.

BEANS—Dwarf or Bush Varieties



Stringless Green Pod.

Prices on Beans are not prepaid. If to go by mail add 10c per pint, 15c per quart.

Culture—The best soil adapted is a light, rich, well-drained loam, which has been manured for a previous crop; do not plant before the ground becomes dry and warm, drop the seed in drills from 2 to 3 feet apart, leaving two to four plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; beans should be cultivated very shallow, as any cutting of roots after the plants come into bloom is liable to cause the blossoms to blast.

Green Podded Varieties

Stringless Green Pod (Burpee's)—Earliest Green Podded Bush Bean. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight, five inches long. The pods are tender, bright and of the finest flavor, entirely stringless. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Giant Stringless Green Pod—A very productive variety, pods long, straight, of a very handsome appearance. A few days later than Stringless Green Pod. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Full Measure—Produces a round, stringless green pod. The variety is early and remarkably prolific for an early sort. The pods are perfectly stringless and the quality is first class. The pods usually grow from 6 to 7 inches in length and $\frac{1}{2}$ of an inch in diameter, making them nearly as large in diameter as Burpee's Stringless Green Pod and somewhat longer. Pkt., 10c; pt., 15c; qt., 30c; pk. \$1.50.

Extra Early Round Pod Red Valentine—For snaps there is nothing superior to this variety among the older green podded sorts. These plants are of dwarf, compact bush growth, fifteen to eighteen inches high; very prolific, hardy and early in maturing. Pods medium length, curved cylindrical, with crease in back; fleshy, crisp and tender. Pkt., 10c; pt. 15c; qt., 30c; pk., \$1.50.

Black Valentine—An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust proof, seed black. Pkt., 10c; pt. 15c; qt., 30c; pk., \$2.

GREEN POD VARIETIES—Continued

Extra Early Yellow Six Weeks—Seeds yellowish drab, pods long, straight and when young of good quality. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Longfellow—Vigorous in growth, 16 inches tall, bearing abundance of pods 5 to 6 inches long, round, slightly curved, stringless when young, of good quality. Seed small, long, color mostly a dark red relieved by blotches and markings of a lighter shade. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

Bush Lima (Burpee's)—The bushes grow from 18 to 20 inches high, of stout growth and always erect. It is an immense yielder, each bush bearing from 50 to 200 large, handsome pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.75.

Bush Lima (Henderson's)—Grows without poles in compact bush form, about 18 inches high. Very productive; two weeks earlier than any of the Pole Limas. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.75.

Wax Podded Varieties

When not otherwise priced are each, per pkt., 10c; per pt., 15c; per qt., 30c; per peck, \$1.75.

Dwarf Golden Wax—Old standard variety; seeds nearly round, purple and white; pods nearly straight, broad, flat, golden yellow, very fleshy and wax-like, with short green point.

Improved Prolific Black Wax—Beans small, jet black; pods round, medium length, curved, fleshy, and of a clear waxy yellow color, with long, slightly curved point. This bean is more extensively used by the market gardeners than any other variety of the wax sort.

Currie's Rust-Proof Black Wax—We recommend this to our market gardener as an especially good Wax Bean. The pod is of a rich yellow color, but is a flat pod instead of a round pod, fully as tender, brittle and stringless, and comes nearer being an absolutely rust-proof bean than any other wax variety.

Davis' Kidney Wax—This plant is a vigorous grower, carrying the pods well up from the ground. The pods are long, straight, oval, of clear waxy-white color and handsome, often growing to a length of seven to eight inches, are quite stringless and of fine flavor.

Pencil Pod Black Wax—Early, hardy, very prolific and of excellent quality. Pods are long, straight and round, like a pencil, of a bright yellow color, tender, brittle and absolutely stringless. The seeds are long, round and rather small; color black.

Stringless Refuse Wax (Keeney's)—Ten days to two weeks earlier than the Round Pod Thousand to One Refugee, and is very near, if not quite as prolific as this very prolific cropper. The pods are the same size and shape and are of exceptionally fine quality. The color is a light, bright yellow and the pod is perfectly stringless at all stages of development. This is probably the most prolific of all the Round Podded Wax Beans known to the trade at the present time and is used very extensively by canners who want both quantity and quality.

Wardwell's Kidney Wax—Ripens about as early as the Golden Wax; vines large and strong; handsome golden yellow, long flat pods, which are almost entirely free from rust and spots.

New Round Pod Kidney Wax Bean—This bean is closely allied to the popular Wardwell's Kidney Wax, differing from the variety in that the pod is perfectly round, somewhat longer and entirely stringless. This new sort has great merit and is destined to become one of great popularity with the market gardeners.

Royal Round Pod Purple Wax—Plant large, without runners; generally drooping with fruit-laden branches, and spreading when fully grown. The season is early; pods are very round and yellow in color; very brittle; stringless; without fibre and unsurpassed in quality. Owing to its being a prolific Bean and as tender as the Crystal White Wax, it will be much in demand by the market gardeners.

Pole or Running Bean

Lazy Wife—Pods produced in great abundance; measure 6 to 8 inches in length; broad, thick, fleshy and entirely stringless. Each pod contains from 6 to 8 round white beans. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Dutch Case Knife—Earliest pole bean; pods long and flat; beans white, of excellent quality, green or dry. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

Horticultural or Speckled Cranberry—A showy bean, maturing in eighty days. Pods green, dashed with red, valued either as a snap or for shelling. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Early Golden Cluster Wax—A desirable sort. Pods six to eight inches long, borne in abundant clusters, each containing from three to six pods. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.25.

Speckled Cut Short or Corn Hill—Will grow when planted among corn, without poles; good cropper and very popular. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Kentucky Wonder, or Old Homestead—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of the best flavor and are most excellent for snaps. This is one of the best and most profitable beans for the market gardener. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Kentucky Wonder Wax—Very similar to the green podded variety except in color of pod which is a bright golden yellow, long, well filled. Good for either snap or shell bean. Strong vigorous vines. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.00.

White Kentucky Wonder—An early maturing, white seeded pole bean, very desirable for snaps and certainly unsurpassed green shelled. Vine vigorous and very productive. Pods round, very long, irregular in shape and quite stringless. The beans when shelled green are large, very tender and white, a very desirable feature when comparison is made with the colored beans of other varieties of this class. Pkt., 10c; pt., 15c; qt., 30c; per pk., \$1.75.

King of the Garden Lima—Pods large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Small White Lima, Carolina or Sieva—Vines vigorous, with many short branches, so that they are sometimes grown without poles; very early and productive with small, smooth, dark green leaves; pods curved, short, flat; seed white, small and flat. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Siebert's Early Lima—The earliest Lima bean for home garden or market. Short pods, contain from 4 to 5 beans, enormous yielder, fine quality. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

Carpinteria Pole Lima—A splendid pole Lima bean for the home and market garden. The beans are of largest size and are not only much thicker than the average pole lima but their color is distinctive in having a decided greenish tint, which is recognized by experts as an indication of the very finest quality. When cooked the beans are very thin skinned, extremely tender and of especially fine flavor. Pkt., 10c; pt., 30c; qt., 50c; pk., \$2.00.

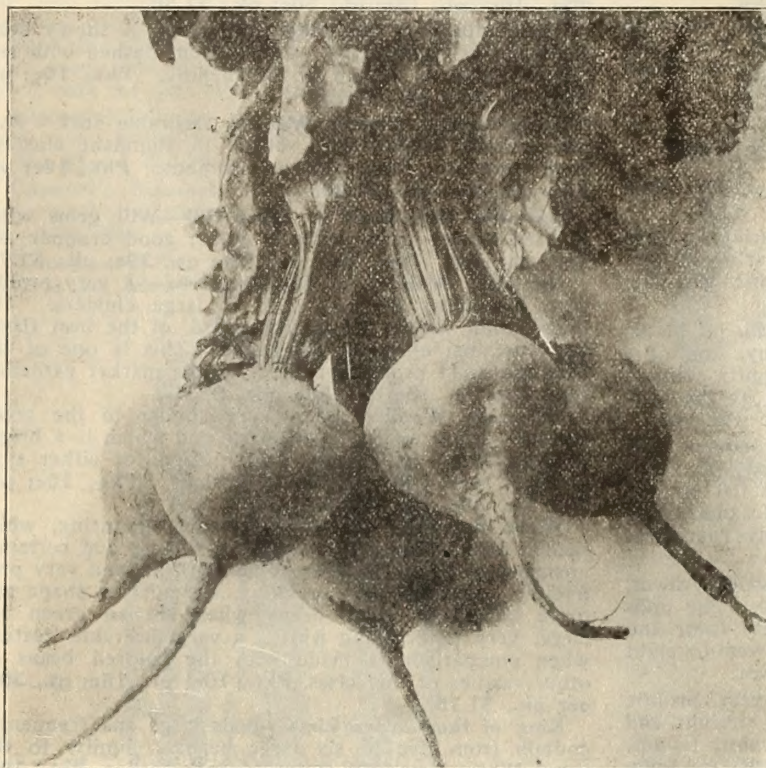
Remember—The prices on Beans are not prepaid; if to go by mail add 10c per pint, 15c per quart.

GARDEN BEETS

Our prices are for seeds, postpaid, by mail. If ordered by express or freight, remember to deduct 8 cents per pound from prices quoted.

HARNDEN'S SELECTED STOCK FRENCH GROWN BEET SEED.

Culture—Cultivation has more effect in the quality of this than most any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by the application of well-rotted manure. Sow in drills 18 inches apart and 1 inch deep; thin to 4 inches apart. For winter use, the turnip variety may be sown in June. One ounce to 60 feet of drill; 4 pounds per acre.



Harnden's Early Market.

Harnden's Early Market—The earliest beet ever brought on the market, maturing for two seasons earlier than any other beet here. Tops small, making it fine for bunching. Skin and flesh deep blood red, fine grained and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Detroit Dark Red—Tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most turnip beets is the occasional appearance of white rings, but by careful selection this has been overcome and will be found to be one of the deepest red beets. Quality of the very best, sweet, tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Improved Early Blood Turnip—This is an improved strain of the old Blood Turnip Beet, having smooth, round roots of medium size, with dark red flesh, fine grain, very sweet, excellent for summer and autumn use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb. 35c; 1 lb., \$1.00.

Extra Early Egyptian—Roots very dark red, tender and

sweet, rounded on top. The seed we offer is a special selection of the darker and most perfect roots with small tops. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Crosby's Egyptian—An improved strain of the Egyptian. Instead of being flat the roots are smooth and round in shape; of finer quality, combined with the same extra early maturity. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Eclipse—Another very fine early variety with globe-shaped roots; flesh dark-blood, zoned with a lighter red, very sweet, crisp and tender, especially when young. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10.

Electric Beet—The best all around beet for market garden purposes ever introduced on our market. Every person that has tried this superb beet pronounces it one of the best beets in cultivation. Almost round leaves, small, dark, rich crimson, with rings of lighter

hue; flavor delicate, rich and sugary. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Crimson Globe—Is a very fine variety for early or main crop, medium size, almost globe shape, smooth and free from rootlets, flesh dark rich red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

Long Smooth Dark Red—An excellent variety, flesh dark red, zones with lighter shades, large size, remaining sweet and tender until spring. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

SWISS CHARD BEET

Or Summer Spinach

A distinct vegetable and much superior to the common beet for greens and equal to spinach. It must be remembered, however, that the roots are of no value as beets. Sow early in the spring in rows 16 inches apart and the seedlings afterwards thin out to 6 inches in the row. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Sugar Beets

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c, prepaid.

Vilmorin's Improved Sugar—An improved French sort, medium, containing a large percentage of sugar.

Mangel Wurzel Beets

The Most Nutritious, Fattening and Best Winter Food for Stock.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c, prepaid.

Write for prices on large lots.

Culture—Sow the seed during April and not later than the last of May. Plant 1 inch deep in drills from 2 to 2½ feet apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 pounds to the acre. When the plants are 3 inches high, thin out with the hoe to 10 to 12 inches. Cultivate well and often, but discontinue as soon as the roots have commenced to form. The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth.

Harnden's Mammoth Long Red—The roots are very large, uniformly straight, and heavy cropper. It is the best long red mangel, and of the greatest value for stock feeding.

Golden Tankard—One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow.

Harnden's American Grown Cabbage Seed

Hollander or
Danish
Ball Head.



CABBAGE AND CAULIFLOWER CULTURE.

Book Giving Directions How to Grow, etc., postpaid 60c.

Culture—The Cabbage, to be well grown, requires a deep, rich loamy soil. For early use sow the seed in hot-beds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart and the plants 18 inches apart in rows. For late or winter use, the seed should be sown in May, and the plants set out in July, 2½ x 3 feet. Prices are prepaid.

Extra Early Jersey Wakefield—The earliest and hardiest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness not only to resist cold weather, but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Head conical, very compact, solid and of excellent quality. **Selected American Grown, per pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

Harnden's Large Heading Wakefield—Similar in every respect to the Jersey Wakefield except that it is very much larger, and not quite so early. Heads not quite as much pointed. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

Early Summer, Selected Stock—About 10 days later than the Early Wakefield but being fully double the size, it may be classed as decidedly the best large early cabbage, and is deservedly popular with market gardeners. Equal in weight to most of the late varieties. Keeps a long time without bursting. Heads round, not pointed. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.**

Fottler's Improved Brunswick—This has proven to be a most excellent acclimated second early variety. It is low on the stump, heads solid and compact, weighing from ten to fifteen pounds each, and is sure to head. From seed sown in March good sized heads can be marketed in June. A very valuable variety. **Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Dark Red Erfurt—Earlier than the Red Dutch. Excellent for pickling; **Pkt., 5c; oz., 25c; ¼ lb., 65c.**

Improved Red Dutch (Red Drumhead)—Used exclusively for pickling; heads flat and solid; color, deep

purple. **Pkt., 5c; oz., 25c; ¼ lb., 65c.**

Early Ulm Savoy—Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. **Pkt., 5c; oz., 25c; ¼ lb., 65c.**

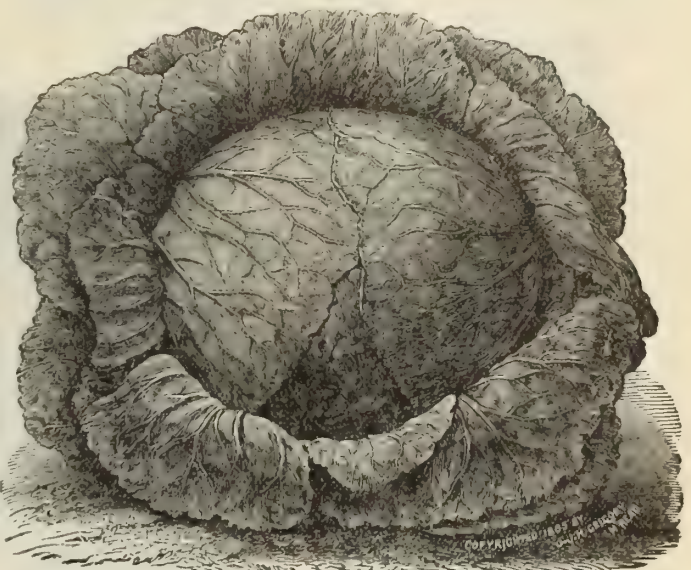
Holland or Danish Ball Head Cabbage—This splendid variety is remarkable for its solidity and grand keeping qualities. The heads, although not quite so large as Premium Flat Dutch, are equally as heavy and superb in quality. **Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00.**

Harnden's Premium Late Flat Dutch—We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons. It has given universal satisfaction to every one who has tried it, maturing well in our climate, and produces large and compact heads. For general crop this variety can not be excelled. **Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.**

St. Louis Late Market—An extremely large and solid heading variety, well suited for fall and winter. It forms large, handsome heads, which will keep in the best condition for a long time. We recommend this sort for markets that require a very solid head. **Pkt., 5c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.**

We offer the following standard sorts, postpaid. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.**

Early Spring, Early Winningstadt, Early Flat Dutch, All Seasons, Louisville Drumhead, Succession, Surehead, Early Drumhead, Large Late Drumhead.



St. Louis Late Market.

CRESS

Curled or Pepper Grass—This small salad is much used with Lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills sixteen inches apart. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.**

True Water—This is quite a distinct variety of cress, and only thrives when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. **Pkt., 5c; oz., 30c; ¼ lb., \$1.00.**

IF YOUR CABBAGE IS TROUBLED WITH WORMS USE SLUG SHOT. SEE PRICE INSIDE PAGE FRONT COVER.

CARROTS

Carrots have been almost a failure this year, and we will maintain these prices as long as present stocks last.

Culture—Sow seed thinly in drills of $\frac{1}{2}$ to 1 inch deep early in the spring, making several sowings to afford a succession. For garden culture sow in rows of 16 to 18 inches apart, and for field culture 18 to 24 inches. When well started, thin out the early sorts to 8 to 10 to the foot, and late varieties from 4 to 6 inches apart in a row. A sandy loam, made rich by manuring the previous year, is the best soil. Avoid sowing on a newly manured ground, as it tends to produce forked roots.



Early Carentan.

Early Half-Long Carentan (The best bunching carrot)—A deep scarlet variety without core. It is excellent for forcing; of fine quality and perfect shape; tops very small, roots cylindrical. The finest and sweetest carrot listed. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.75, prepaid.

French Forcing—Small early stump rooted variety, 3 inches long, 4 inches in circumference, $1\frac{1}{2}$ inches in diameter; bright orange color, solid, tender, excellent flavor, a good forcing variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Danvers—Flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Pkt., 5c; oz., 20c;

$\frac{1}{4}$ lb., 65c; lb., \$1.75, prepaid

Chantenay—A stump rooted variety; flesh deep orange color; solid, tender and of excellent flavor. A variety which the market gardeners should plant for their main crop; a heavy cropper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, prepaid.

Improved Long Orange—The most popular of the older sorts for farm use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50, prepaid.

Guerande or Ox Heart (Stump Rooted)—Comparatively short roots but often reaching a distance of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, prepaid.

CHICORY

Culture—Sow in drills half an inch deep, in rich, mellow soil; the after-culture being the same as recommended for carrots.

Lare Rooted—Roots of fine form, the chicory of commerce, used to adulterate coffee. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

CORN SALAD

Culture—For winter use sow shallow in rows, one foot apart, during August or September. The plants are ready for use in six or eight weeks. When winter approaches, give them a very light covering of hay or straw. The plants are hardy and will remain green and fit for use all winter. The seed may also be sown early in spring. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

CAULIFLOWER

Culture—Early sorts are grown in January and February in hot-beds, and transplanted once before setting out in open ground. Avoid planting in land in which cabbage, turnips or any crop of that nature has been grown. When heading, tie the leaves on the top together to protect the crown from exposure to the sun. Water freely, especially when heading. It should be borne in mind cauliflower will not head well in hot, dry weather.

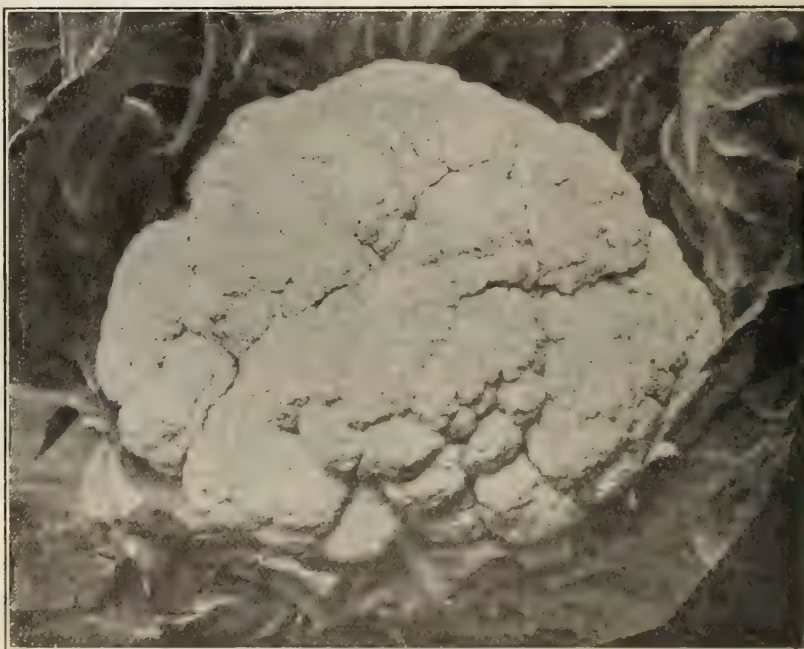
Harnden's Selected Earliest Dwarf Erfurt—A favorite early market variety, very compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. The seed we offer is imported direct from one of the best growers in Europe. Pkt., 25c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.50; oz., \$3.00.

Harnden's New Snowball—Esteemed by market gardeners for its earliness and heading qualities, producing large, solid, pure white heads; dwarf in habit and as early as any; one of the best sorts for forcing. Pkt., 20c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.00; oz., \$2.00.

Danish Giant (Dry Weather)—The crop is two or three weeks later than Earliest Erfurt. Heads are pure white and of fine quality. The plants are less affected by dry weather than any other variety. Pkt., 20c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.00; oz., \$2.00.

Extra Early Paris—Heads of uniform size, solid and blanch easily, but are not so large nor of so fine quality as the Erfurt type. Pkt., 10c; $\frac{1}{2}$ oz., 40c; 1 oz., 75c.

Autumn Giant—A large, late Cauliflower, producing white, compact heads. Pkt., 5c; oz., 60c.



Harnden's Earliest Dwarf Erfurt.

CHIVES

Chives (Schnittlauch)—The Chives are small members of the onion tribe, leaves very slender and appear very early in spring; can be shorn several times during the season and used for flavoring soups and salads. Bulbs 20c per bunch, postpaid. Seed, Pkt., 10c.

CELERY



WHITE PLUME.

Culture—Sow in drills and tread the seed firmly in; thin out to an inch apart and keep the ground well worked and free from weeds; shade the young plants for a week or ten days and do not let the soil dry out. In order to secure stocky plants cut off the tops once or twice before transplanting, which should be done before July, after plants have attained a height of 4 to 6 inches.

Celery for Profit, by Greiner—Paper, postpaid, 25c.

White Plume—This handsome sort is valued because naturally the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is unsurpassed for all uses and the earliest celery in the market. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00, prepaid.

Golden Self-Blanching—Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Best stock. (Best French Seed.) Pkt., 20c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

Giant Pascal—Grows about two feet high; the stalks are very broad, thick and crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance; it bleaches very easily and quickly. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.75, prepaid.

Celeriac, or Turnip-Rooted Celery—Sow seed same as Celery. Transplant in rows two feet apart, nine inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. Roots may be cooked or used as a salad.

Giant Smooth Prague—A very large and smooth variety, free from side roots. Pkt., 5c; oz. 20; $\frac{1}{4}$ lb 60.

New York Market or Giant Self Blanching—One of the recent introductions resembling the White Plume. The stalks are much broader and heavier and much superior in quality. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.

CUCUMBERS

Davis Perfect—Color a dark glossy green. Length 10 to 12 inches. Slim in shape and of exceptionally good flavor. One of the very best for forcing under glass and also for outdoor culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10.

Klondike—Averaging from 6 to 8 inches in length; uniform in size; dark green color; retaining its color, and a very prolific yield. One of the best for home gardens, and a good market garden sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

Japanese Climbing—Vines are of healthy, vigorous growth, with rich dark green foliage, and throws out strong, grasping tendrils, which enable it to climb trellis, wire netting, brush or any other suitable support. Of large size, cylindrical shape; flesh pure white; skin dark green. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25, prepaid.

Improved Arlington White Spine—This is the strain so universally popular for growing under glass, the earliest and by far the best forcing strain; uniform in size, color a rich green, with light green spines. It is not only the best for forcing, but is unsurpassed for open ground. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.

We offer the following	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
Chicago Pickling	\$0.05	\$0.10	\$0.25	\$0.80
Early Cluster .....	.05	.10	.25	.80
Early Frame .....	.05	.10	.25	.80
Gherkin .....	.05	.20	.60	2.00
Improved Long Green ..	.05	.10	.25	.80
Evergreen White Spine ..	.05	.10	.25	.80



Davis Perfect.

SWEET CORN

Northern Grown



Country Gentleman.

Remember these prices are not prepaid on pints and quarts. If to go by mail add 10c for pint; 15c for quart.

Country Gentleman—A medium late variety of sweet corn; one of the best for private use; kernels very deep, placed irregularly, but compactly on the cob, the cob itself being very small. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

White Evergreen—Has most of the characteristics of the regular Stowell's Evergreen. Is about five days earlier; grains pure white and remain tender a long time. A very good variety for canning as it retains the pure white color. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Early Evergreen—The best second early sweet corn, possessing every good quality of the Stowell's Evergreen, and resembling it in every respect. Matures ten days earlier than the Evergreen. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Stowell's Evergreen—The best late sweet corn in every way, being large eared, hardy and productive, sweet and tender, remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Extra Early Adams, or Burlington—This is not a true sweet corn, but produces ears well filled with tender white grains. It is very early, and on account of its hardness and hard, round grain, it can be planted much earlier than sweet corn. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Early Adams—Same as above, but not as early. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Mammoth White Cory—Ears larger than common Cory, and two or even three to the stalk. Claimed by the originator to be the largest and best extra early sweet corn in existence. The grains are in twelve rows, and the ear is symmetrical and handsome, with no openings between the rows at the base. Grains large and white, of remarkably good quality for such an early sort. Excellent for market. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Peep o' Day—One of the sweetest of all the extra early varieties. The stalks grow from 3½ to 4½ feet high, and bear 4 to 5 ears to a stalk. Being small stalks stand very close planting. Pkt., 10c; pt., 20c; qt., 35c.

White Mexican—An early sweet corn of very rich and excellent flavor. Stalks about four and one-half feet high; ears eight inches long, usually eight rowed; about the same season as Crosby's Early and of better quality than any other early variety of equally large size. Our

stock is far superior to much that has been sold under this name. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.25.

Golden Bantam—Early sweet corn, with yellow kernel; very sweet and delicious, tender and of excellent quality. One of the best early varieties. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

Crosby's Early—A most excellent variety and remarkably early; ears of large size, medium length. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

Early Champion—The earliest large sweet corn grown. This variety is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. It is 10 and 12 rowed, and pure white in color; sweet and tender. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

We offer the following standard varieties:

	Pkt.	pt.	qt.	pk.
Mammoth Late	.....\$0.10	\$0.15	\$0.25	\$1.25
Shaker's Early	......10	.15	.25	1.25
Old Colony	......10	.15	.25	1.25
Early Minnesota	......10	.15	.25	1.25

EGG PLANT

Culture—Sow in March or April in a hot-bed; transplant when two inches high into a second hot-bed, or let them remain and thin out to four inches apart. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground, two and one-half feet apart each way. One ounce to 1,500 plants.

New York Improved (the only variety to plant)—The best in cultivation; large, round, dark purple, and very productive. Pkt., 10c; oz., 35c; ¼ lb., \$1.25, prepaid.

ENDIVE

Culture—For early use sow in April. For the main crop sow in June and July, and when up an inch or two, transplant to one foot apart each way.

Green Curled—Very hardy, with dark green curled leaves; tender and crisp. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid.

Moss Curled—Handsomely curled; fine quality; a desirable sort. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid.

Broad Leaved Batavian—Large heads of broad, thick leaves; if bleached, the inner leaves make a fine salad. Pkt., 5c; oz., 15c ¼ lb., 40c; lb., \$1.25, prepaid.

PLANTERS REQUIRING MORE THAN PECK LOTS, WRITE FOR PRICES ON BUSHEL LOTS AND OVER.

KALE OR BORECOLE

Culture—Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September. Two pounds per acre, in drills, three pounds broadcast.



Kale—Dwarf Green Curled German.

Dwarf Green Curled German—Very hardy, the main sort planted by gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, prepaid.

Dwarf Green Curled Scotch—Leaves of a bright green; very tender and closely curled; rarely exceeding 18 inches in height, but spreading out, under good cultivation, to 3 feet in diameter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, prepaid.

Tall Green Scotch—Finely curled; even more tender after being touched by frost. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, prepaid.

Siberian—Dwarf growth, bluish green leaves; extensively grown as winter greens. Per pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 75c.

KOHL RABI

Early White Vienna—Best early variety for table; bulbs white. Pkt., 5c; oz., 20c; ¼ lb. 50c.

Early Purple—Similar to the last, except in color. Pkt., 5c; oz., 20c; ¼ lb., 50c.

LETTUCE

Culture—For general crop, sow as early in the spring as the ground can be worked in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd, thin them out and use as required. Keep the soil constantly loose by frequent hoeing.



Grand Rapids Forcing.

LEEK

One Ounce Will Sow 100 Feet of Drill—Leek is more delicate than the onion for soup, etc. Sow in seed-bed middle of spring, when the plants are three or four inches high, transplant them into rows wide enough apart to admit the hoe between them. With good culture they may be grown five or six inches in circumference.



Leek Giant Carentan.

American Broad Leaf—This variety is more largely used in this country than any other; plant strong, with broad leaves. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25, prepaid.

Giant Carentan—Grows to immense size, broad leaves; one of the best; hardy. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25, prepaid.

Curled or Loose Head Varieties

Black Seeded Simpson—A standard variety for forcing and early out-door culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered, the inner ones nicely blanched, and even the large outside leaves are tender and of good quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.

Grand Rapids Forcing—A forcing variety especially adapted for greenhouse culture in the winter, for which it has no peer. A strong grower, very tender, and will keep from wilting longer while exposed for sale than any other sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, prepaid.

Standard Varieties

	Pkt.	oz.	¼ lb.	1 lb.
Early Curled Simpson ..	\$0.05	\$0.10	\$0.30	\$1.00
Early Curled Silesia ....	.05	.10	.30	1.00
Boston Market—Head ..	.05	.10	.30	1.00
White Cabbage—Head ..	.05	.10	.30	1.00
Large Hanson—Head ....	.05	.10	.30	1.00
Prize Head—Head .....	.05	.10	.30	1.00
Big Boston—Head .....	.05	.10	.30	1.00
St. Louis Market—Head ..	.05	.10	.30	1.00

IF ORDERED BY EXPRESS OR FREIGHT, DEDUCT
8c PER POUND FROM PRICES QUOTED.

LETTUCE—Head Varieties



May King Lettuce.

May King—The plants of this new lettuce are all quick growth. It is an extra fine heading lettuce and very early. Can be sown for spring and fall in the open ground. Can also be grown in cold frames during the winter months. Practically all of the plants head, and are extremely handsome in appearance, and grow to a diameter of 6 or 7 inches. Has broad green outer

leaves, folding closely about the round solid head. In cool weather the edges of the outer leaves are slightly tinged with brown, the inner leaves blanch to a rich golden yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., \$1.00.

Kansas City, or Golden Forcing—A very popular variety, originated on our market in Kansas City. Used largely by our market gardeners, either for open ground or forcing; light in color; sometimes called Golden Forcing, and resembles the Denver Market, but not quite as near a head variety. This is used largely for forcing. Price, per oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25, prepaid.

California Cream Butter—This is one of the best of the summer varieties of head lettuce; a strong growing sort, with large green leaves; marked with scattered brown dashes; sometimes called Winter Lettuce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., \$1.00, prepaid.

Denver Market—An early variety of head lettuce, either for forcing or open ground; forms large heads of a desirable light color. The leaves are beautifully marked and blistered like Savoy cabbage and are very crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., \$1.00, prepaid.

Cos Lettuce—The Cos Lettuce is distinct from the preceding sorts, having long, narrow, spoon-shaped leaves, which usually fold into loose sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. On account of their exceeding crispness, tenderness and delicate flavor, they are becoming more and more popular in this country. Leaves yellowish white in color, long, narrow, upright, folding into a solid head like that of an Early York Cabbage; crisp and tender; self-blanching. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, prepaid.

MUSK MELON

Culture—Melons thrive best in light, dry, sandy soil; plant in hills 6 feet apart each way, 12 seeds in each hill; remove 2 to 3 inches of soil where the hill is desired, and fill in with well-rotted manure, then replace the soil 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves, thin out to 4 in hill. If the plants grow very rank pinch off the ends when about 3 feet long.

Burrell's Gem—Six to seven inches in length and four to four and a half in diameter. Well ribbed and covered with a fine grayish netting. Skin a rich dark green with deep orange salmon colored flesh of the finest flavor, sweet and tender. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

Extra Early Hackensack—A variety possessing all the good qualities of the well-known Hackensack, but at least ten days or two weeks earlier. The melons weigh from 4 to 10 lbs., each are of nutmeg shape, heavily netted and have a light green flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, prepaid.

Rocky Ford—Oblong, somewhat similar to the Netted Gem. Grow very uniform in shape and size, weighing from $1\frac{1}{2}$ to 2 lbs.; skin green and thickly netted; flesh of a light green color and very sweet. The most popular shipping variety grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, prepaid.

Paul Rose or Petoskey—Flesh firm; a rich orange red color, like that of the Osage, but sweeter and more highly flavored. One of the best sorts for home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, prepaid.

Banana—An entirely distinct variety, bearing long, slender, banana-like fruit. Skin creamy white and en-

tirely free from netting. Flesh deep salmon color, thick and of good quality. Pkt. 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Rocky Ford.		Postpaid.			
Standard Sorts.	Pkt.	oz.	$\frac{1}{4}$ lb.	1 lb.	
Jenny Lind	\$0.05	\$0.10	\$0.30	\$1.00	
Early Green Nutmeg ....	.05	.10	.30	1.00	
Netted Gem Round .....	.05	.10	.30	1.00	
Emerald Gem .....	.05	.10	.30	1.00	
Baltimore or Acme .....	.05	.10	.30	1.00	
Montreal Market .....	.05	.10	.30	1.00	
Netted Gem Oblong .....	.05	.10	.30	1.00	
Champion Market .....	.05	.10	.35	1.25	
Chicago Market .....	.05	.10	.35	1.25	

WATERMELON

If ordered to go by express or freight at purchaser's expense, deduct 8c per pound.



Blue Gem or Iceberg—In shape and appearance it is similar to Kolb's Gem. The melons are uniformly large and of a thick oval form; color, dark green, with faint stripes of lighter shade, but much darker than Kolb's Gem. Flesh, deep pink. It is an excellent shipper; large and solid. Fresh crisp and entirely free from stringiness. Seeds black. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c, prepaid; 5 lbs., \$2.50, not prepaid.

Triumph—As a market sort and for shipping the best ever produced. A cross between the Duke Jones and the Kolb's Gem; has the handsome appearance of the former and the firm shipping qualities of the latter. The rind is of dark green color, with indistinct stripes of a little lighter color. The average size, large. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; 5 lbs., \$2.00, not prepaid.

The Dixie—A cross between Kolb's Gem and the Mountain Sweet; far superior to the former; larger, earlier and much more productive. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c, prepaid; 5 lbs., \$2.00, not prepaid.

Kolb's Gem—Attains a weight of from 20 to 50 pounds; flesh bright red, solid, sweet and luscious; fruit round or slightly oval, marked with irregularly mottled stripes of dark and very light green. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; 5 lbs., \$2.50, not prepaid.

Sweet Heart—Fruit large, oval, uniformly mottled, light and dark green; rind thin, but firm; flesh red, solid, melting and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid; 5 lbs., \$2.50, not prepaid.

Alabama Sweet—One of the earliest melons for market purposes; long, dark in color; meat, rich crimson, delicious flavor. It is used largely in the South. The seeds are light. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid.

Georgia Rattlesnake, or Gypsy—Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid; 5 lbs., \$2.50, not prepaid.

Melver's Wonderful Sugar—The sweetest melon grown; attains a great weight; has handsome appearance; never cracks or loses its fine flavor in the wettest season. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50, not prepaid.

Kleckley's Sweet—Large, oblong melon; skin dark green; flesh bright scarlet, very sweet and sugary; one of the best melons that has been offered. If you have a home garden you can't afford to be without this. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, not prepaid.

Light Icing, or Gray Monarch—Mottled gray skin, long shape, flesh crimson, sweet, delicious flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50, not prepaid.

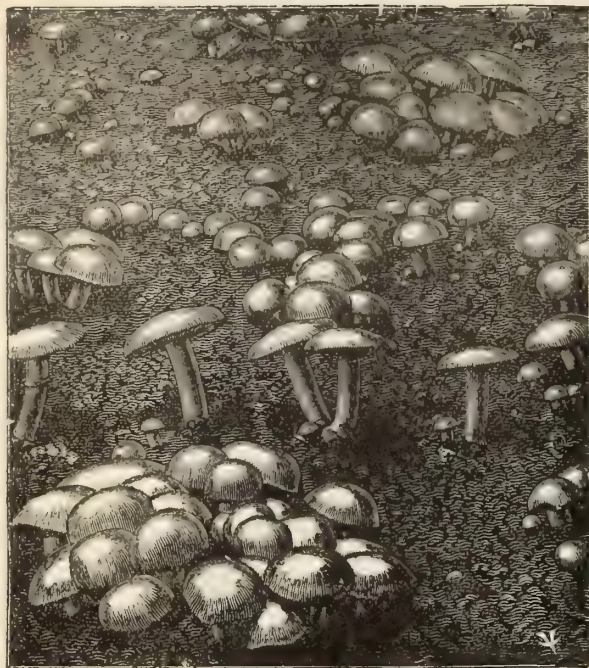
Halbert Honey—Dark rich colored skin, regular in shape, crimson meat, small white seed—a very fine melon for home use; fully equals Kleckley's Sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.00, not prepaid.

Cole's Early—This is an extra early melon of oval form, small in size, handsomely striped with light and dark green, of good quality. Desirable for home use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; 5 lbs., \$2.50, not prepaid.

Standard Sorts.	Prepaid.			
	Pkt.	oz.	¼ lb.	1 lb.
Seminole	\$0.05	\$0.10	\$0.20	\$0.50
Florida Favorite . . . . .	.05	.10	.20	.50
Phinney's Early . . . . .	.05	.10	.20	.50
Fordhook Early . . . . .	.05	.10	.20	.50
Mountain Sweet . . . . .	.05	.10	.20	.50
Cuban Queen . . . . .	.05	.10	.20	.50
Peerless or Ice Cream . . . . .	.05	.10	.20	.50
Georgia Queen . . . . .	.05	.10	.20	.50
Black Diamond . . . . .	.05	.10	.20	.50

WITH EVERY DOLLAR'S WORTH OF SEED OR ORDERED IN PACKETS AND OUNCES WE ALLOW YOU TO SELECT 25c WORTH OF SEED EXTRA.

SURE-CROP MUSHROOM SPAWN



A Bed of Mushrooms.

Culture—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat; make out of this compost a bed 8 to 10 inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes 2 to 3 inches deep, and 6 inches apart each way; cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with 2 inches of fresh loam and over this spread 3 or 4 inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant 8 or 9 square feet.

Pure Culture Spawn—1 brick by mail, 40c. By express at purchaser's expense; 5 bricks, \$1.20; 10 bricks, \$2.15; 25 bricks, \$4.80.

French Spawn—Our own importation. In original boxes of 2 lbs. at \$1.00 per box, not prepaid. Pamphlet on Mushroom Culture packed in each box.

Robinson's Mushroom Culture—A book bound in cloth, giving directions how to prepare mushroom beds and raise mushrooms. Postpaid, 60c.

MUSTARD

Southern Giant Curled—Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark green leaves, edges of which are finely curled. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c, prepaid.

Brown or Black—The common small seeded variety; more pungent than the White. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c, prepaid.

White—Best for culinary purposes and for salads. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c, prepaid.

Ostrich Plume—The leaves are long, ruffled and curled as gracefully as an ostrich plume. Is especially good as a salad and as greens, equal to spinach. The leaves are very ornamental. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

OKRA or GUMBO

Culture—This vegetable is extensively grown in the Southern states, where its long pods, when young, are used in soups or stews, and are served like asparagus. In hills or drills 3 feet apart and trim out to 3 plants in a hill.

Improved Perkins Giant Green Pod—A new Okra, esteemed by canners and market gardeners. It is a great improvement on the old green podded sorts. Large, handsome green pods; fine quality; very productive; 4 to 5 feet tall. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid.

White Velvet—The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid.

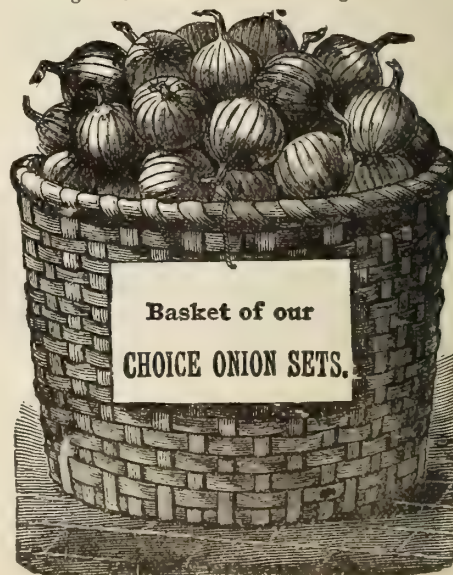
Dwarf Green—Plants of dwarf stocky growth, wonderfully prolific and mature pods ready for use ten days to two weeks earlier than the tall varieties; pods 3 to 4 inches in length, and heavily ridged. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid.

ONION SETS

Write for special prices on large lots. Prices variable. Top sets, 28 lbs., per bushel; bottom sets, 32 lbs., per bushel.

	Prepaid Qt.	Not Prepaid Peck	Bu.
Top or Button Sets	\$0.30	\$1.25	\$4.00
Bottom Onion Sets, Red or Yellow	.30	.60	2.00
Bottom Onion Sets, White .....	.30	.75	2.50

No charges for sacks. Sacks weighed in.



ONION

A Strictly High-Grade Strain of Seed

If in want of larger quantities for sowing sets or more than 5 pound lots, write us and we will make you our very best price.

Culture—Full size onions may be grown from the seed fully as well, much more cheaply and only little later than from sets. For this purpose from 4 to 5 pounds of seed per acre are required. Sow the seed thinly one-half inch deep in drills one foot apart, and thin out later, leaving about 8 plants to the foot. The first hoeing should be given, just skimming the ground between the rows, as soon as they can be seen the length of the row, but do not ridge up to the growing bulbs.

Extra Early Red—The earliest of all red onions. Flat in shape. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.00 lb., not prepaid.

Large Red Wethersfield—The standard variety so largely used for commercial purposes, good size, an immense yield; deep red color; fine keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.10 per lb., not prepaid.

Yellow Strasburg or Dutch—Bulbs quite flat, of good size; skin rich yellow, turning to brown when exposed; ripens early; flesh white and of mild flavor; keeps well. It is one of the very best to grow for sets. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, prepaid; 5 lbs., 90c per lb., not prepaid.



Southport Yellow Globe.

White Bermuda—This is the onion that has been recommended so highly for Southern growers. Grows to an immense size. The skin is very thin, white and fine-grained; of mild and pleasant flavor. Our seed of this splendid variety is Teneriffe grown and absolutely pure. Pkt., 5c; oz., 20c; ¼ lb., \$1.25; lb., \$4.00, prepaid.

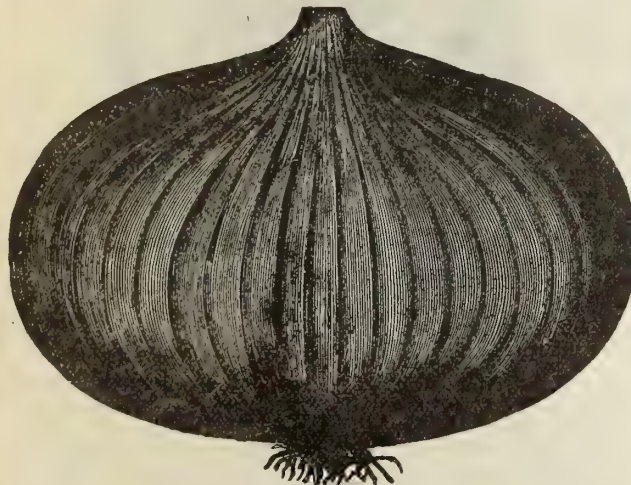
Australian Brown—Of medium size, wonderfully hard and solid and of somewhat globular form; the color of the skin is a clear amber-brown. It is very early in ripening and never makes any stiff necks or scallions. It has the reputation of keeping indefinitely. Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.25, prepaid; 5 lbs., \$1.00 per lb., not prepaid.

Southport Yellow Globe—A favorite variety in the East, where it is grown almost to the exclusion of all other sorts; bright yellow in color; a perfect keeper and a heavy yielder. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.10 per lb., not prepaid.

Southport Red Globe—Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers; of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.10 per lb., not prepaid.

Southport White Globe—One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended; one of the best varieties to sow for early bunching. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.35, prepaid; 5 lbs., \$2.25 per lb., not prepaid.

Prize Taker, or Spanish King—Like nearly all Spanish onions, this makes extra large size onions and of particularly fine flavor. The outside skin is a rich yellow straw colour, and the flesh is pure white, sweet, mild and tender. Ripens up fine and hard, and makes a very handsome and attractive onion. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$1.35 per lb., not prepaid.



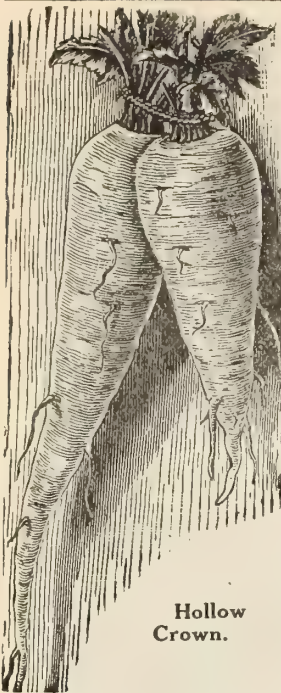
Large Red Wethersfield.

Mammoth Silver King—An Italian variety of special merit; remarkably early, or large size and fine quality. A popular variety in the South, where it grows to an enormous size; white flesh; shape flat; mild and delicate flavor. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75, prepaid.

Flat Yellow Danvers—Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown; flesh white, fine grained, firm and mild; perfect in shape and a large cropper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.00 per lb., not prepaid.

White Portugal or Silverskin—An early flat white variety; mild flavor; excellent for growing sets; one of the best for pickling. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75, prepaid.

FOR PLANTING AND CULTIVATING ONIONS YOU WILL NEED HAND GARDEN TOOLS. SEE PRICE LIST OF GARDEN TOOLS, LAST TWO PAGES OF CATALOGUE.



Hollow Crown.

PARSNIP

Culture—The parsnip thrives best in a deep, mellow soil. Sow the seed early in the spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants, when well up, to five inches apart in the rows.

Hollow Crown—Smooth, large roots, sweet and of most excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; prepaid.

PARSLEY

Culture—The seed is very slow to germinate and should be sown early in the spring, previously soaking the seed for a few hours in warm water. Sow in drills one foot apart, and when the plants are well up thin to one foot in the row. When the plants are

about 3 inches high cut off all the leaves; the plant will be brighter and better curled; every cutting will result in improvement. One ounce to 150 feet of drill.

Champion Moss Curled—Leaves beautifully curled and nobby. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; prepaid.

Hamburg or Turnip Rooted—Sometimes called German Parsley; a fleshy rooted variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, prepaid.

PUMPKIN



One pound for 200 to 300 hills; four pounds per acre.

King of the Mammoth—This is the genuine strain of the true Mammoth Pumpkin. The largest pumpkin grown, often attaining a weight of 200 pounds and over. The flesh and skin are of a bright, golden yellow color, of excellent quality and a splendid keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.

Sweet Potato—Pear shaped, size medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, prepaid.

Small Sugar—Handsome and prolific; of small size, averaging about ten inches in diameter. Skin deep orange yellow. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid.

Connecticut Field—One of the best for field culture; can be grown with corn, largely used for stock feeding. Deep, rich yellow color. Oz., 10c; ¼ lb., 15c; lb., 40c, prepaid.

Large Cheese or Ky. Field—A popular variety in the South. Fruit flattened; skin mottled light green and yellow; flesh tender; excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c.

Cushaw—A prolific variety; large size, frequently weighing 60 pounds and over; color, white striped and mottled with green. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid.

PEPPER

Improved Bull Nose or Sweet Mountain—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent than most other sorts. Pkt., 5c; oz., 25c; ¼ lb., 60c, prepaid.

Long Red Cayenne—Pods small, cone shaped, scarlet red, and when ripe used for pickles and pepper sauce. Pkt., 5c; oz., 25c; lb., 75c, prepaid.



Improved Bull Nose or Sweet Mountain.

Chinese Giant Pepper—One of the very largest and best mango peppers, mammoth size, splendid shape, bright, glossy pods, mild flavor. Very shy seeder. Pkt., 10c; ¼ oz., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

Ruby King—The peppers are of a bright ruby red color, from 4½ to 6 inches long, by 3½ to 4 inches in diameter. Flavor mild, and can be sliced and eaten with pepper and vinegar like tomatoes. Pkt., 5c; oz., 25c; ¼ lb., 75c, prepaid.

Celestial—A beautiful and attractive plant; the peppers, up to the time when they are fully grown, are of a delicate creamy yellow color, and when fully grown change to an intense vivid scarlet, making the plant, when loaded with fruit, part of one color and part of the other—very attractive. Pkt., 5c; oz., 25c; ¼ lb., 75c, prepaid.

Spanish Monstrous—Fruit very large, often 8 inches or more in length by two or three inches in diameter; rind thick and fleshy; mild and sweet flavored. Pkt., 5c; oz., 25c; ¼ lb., 75c, prepaid.

Large Mexican Chile—This is the pepper sold so largely in the manufacture of Chile Con Carne. Grows extensively in Southern Texas and Old Mexico and is more of a tropical pepper and will only produce green peppers in our climate. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c.

REMEMBER THAT OUR SEEDS ARE ALL TESTED BEFORE BEING SENT OUT.

PEAS

NOTICE—The pea crop is the shortest it has been before stocks are broken. When varieties ordered are unless you state on your order not to do so.

REMEMBER—The prices on peas are not prepaid. If to go by mail, add 10c per pint, 15c per quart.

Harnden's Extra Early—For years this pea has been grown in and around Kansas City by the market gardeners with the best of success. Seeds round; pods well filled, and ripen uniformly; height, 2½ feet; seeds white and slightly dented. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.00.

American Wonder—The earliest of the wrinkled sorts; grows about nine inches high, and is covered with well filled pods, often containing seven or eight tender and sweet peas. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

Alaska—One of the earliest, which, in evenness of growth of vine and early maturity of pods, is unequaled by any other extra early pea. Vines 2 to 2½ feet high, bearing four to seven long pods which are filled with medium sized bright green peas. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.00.

Nott's Excelsior—It resembles the American Wonder, but the vines are larger and more vigorous. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

New Telephone—Seed green, wrinkled, height about four feet; foliage luxuriant, peculiar light shade of green; pods unusually large, elegant shape, slightly curled, well filled with peas of large size. A most desirable variety for those who wish a large, showy pea. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

Gradus or Prosperity—The earliest large podded pea in cultivation; the immense pods are as large as those of the Telephone; uniformly well shaped, nearly round and well filled with large, handsome peas. The vine has heavy stems, with large dark green leaves; grows 3 feet in height. Pkt., 10c; pt., 30c; qt., 50c; pk., \$3.00.

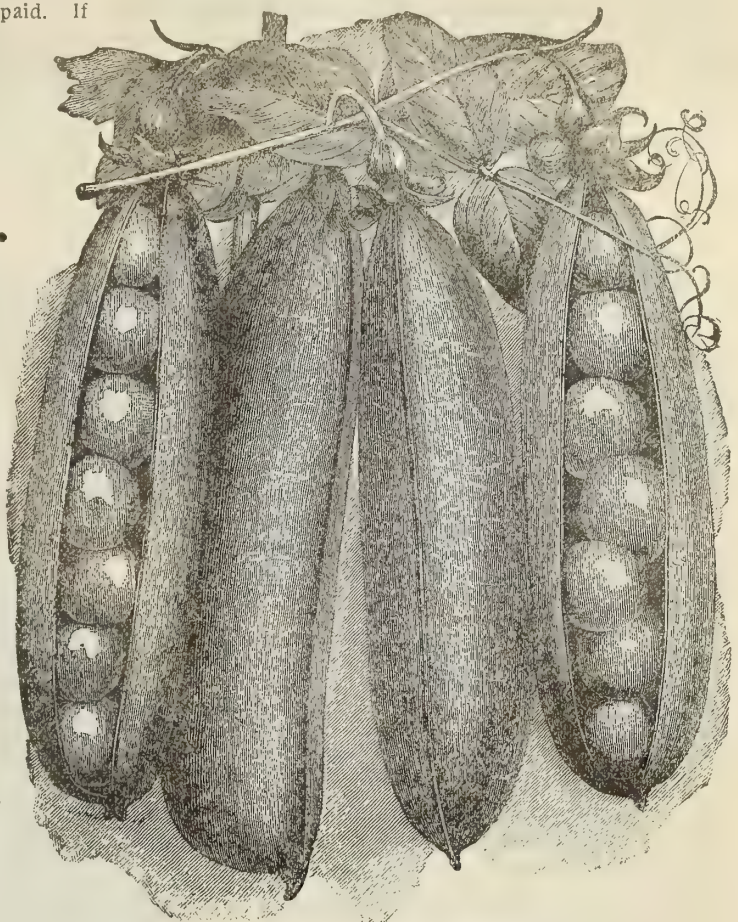
Harnden's Electric—This pea has steadily gained in popularity and is today the earliest wrinkled pea on the market. Pods are large, very broad, filled with large, tender peas of a most delicious flavor. It is a dwarf wrinkled pea and should be classed among the extra earlies. Height 12 inches. Pkt., 10c; pt., 30c; qt., 50c; pk., \$3.00.

Admiral Dewey—The very best, long podded, large vine, wrinkled pea yet introduced. Pods of the largest size, frequently six inches in length, rounded in point, deep green in color and well filled with large peas of the richest flavor; height 3½ feet. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

Thomas Laxton—Closely resembles the Gradus in habit and rapidity of growth. It is one of the finest early large podded peas, in earliness within a day or two of the earliest of all, containing seven or eight very large peas of the richest flavor. Height 3 to 3½ feet, and one of the finest ever introduced. Pkt., 10c; pt., 30c; qt., 50c; pk., \$3.00.

Ameer—Resembling Alaska in manner of growth, but a week to ten days later, the greatest difference being in the size of the pod, which is much larger and slightly curved. Seed, green, smooth; height 2½ ft. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.00.

for many years. You should order as early as possible sold out we will send the nearest type to peas ordered



Harnden's Electric.

Dwarf Champion—Habit strong, vigorous, bearing very large pods, long and heavy, very much like Juno but not quite so broad, blunt at the ends. This has proven to be very productive. Seed medium sized green, wrinkled; height two feet. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

	Pkt.	Pt.	Qt.	Pk.
14 in. Premium Little Gem...	\$0.10	\$0.25	\$0.45	\$2.50
10 in. Tom Thumb .....	.10	.25	.45	2.50
24 in. Everbearing			(crop failed)	
50 in. Champion of England..			(crop failed)	
White Marrowfat .....	.10	.25	.45	2.25
First and Best .....	.10	.20	.35	2.00
Pride of the Market .....	.10	.25	.45	2.50
Horsford's Market Garden ...	.10	.25	.45	2.50
Stratagem (crop failed) ....	..	..	..	..
Canada Field .....	.10	.15	.25	.75

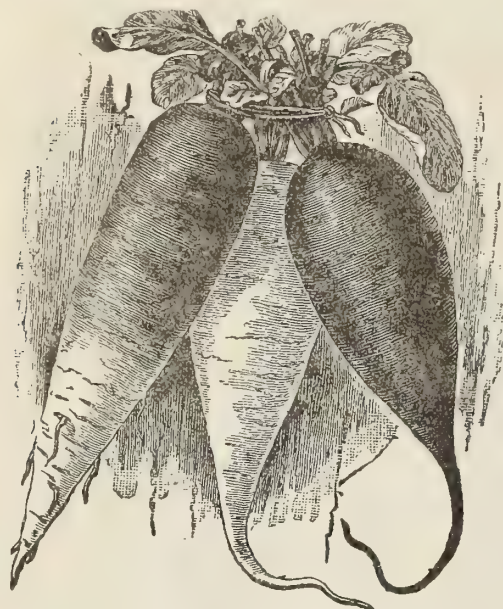
Don't forget that we now have two stores—one at 505 Walnut Street, and the up-town store at 1418 Grand Ave.

Our specialty is to give our patrons what they want when they want it.

RADISH

HARNDEN'S SELECTED RADISH SEED, GROWN BY THE BEST AMERICAN AND EUROPEAN GROWERS.

Culture—For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure will be most likely to afford them brittle and free from worms. Sow in drills ten to twelve inches apart. The winter varieties should be sown in July and August. Like the turnip, they make the best growth in the autumn, and must be taken up before frost and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter.



Improved Chartier. Wood's Early Frame.
White Strasburg.

Improved Chartier—The color at the top is crimson, running into pink about the middle, and from thence down it is pure waxy white; it is of quick growth, and does not become stringy. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Wood's Early Frame—This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Long White Vienna or Lady Finger—This is one of the finest long radishes, beautiful in shape, skin and flesh pure white. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Iceicle—The earliest and finest long white radish. The young radishes are ready for use even earlier than the long scarlet, and continue to grow for a long time, fully

retaining their tenderness and mild flavor until quite large. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c, postpaid.

White Strasburg—A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Harnden's Early Scarlet Globe—A desirable turnip sort for hot-bed forcing and out-doors; very early; flavor mild, crisp, juicy and tender; top small; will stand heat, without becoming pithy. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; 5 lbs., by express, not prepaid, \$2.50.

THREE GOOD TURNIP VARIETIES.



White Turnip. Early Deep Scarlet.
Scarlet White Tip.

Harnden's Selected Early Scarlet Turnip, White Tipped—This is the most important sort for out-door sowing. Our market gardeners plant hundreds of pounds of this variety each year. The color is just right and the size always asked for by the hotels and grocers. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid; 5-lb. lots, not prepaid, \$2.50.

Extra Early Deep Scarlet Turnip, White Tipped, Forcing—A beautiful variety, deep scarlet with white tip; popular as a market variety. Does not show as much white as the ordinary Scarlet T. W. Tip. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; 5 lbs., not prepaid, \$2.50.

Philadelphia White Box—Roots round and smooth, very white and handsome; remains solid and juicy long after full grown; desirable for forcing, but a splendid out-door radish as well. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

Crimson Giant Globe—The best radish for forcing or early planting out of doors, will grow larger and remain solid longer than any other round red forcing radish. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

Standard Varieties

	Pkt.	Oz.	¼ lb.	lb.	5 lbs.	10 lbs.
Early White Turnip	\$0.05	\$0.10	\$0.20	\$0.60	\$2.50	\$4.50
Early Deep Scarlet Turnip	.05	.10	.20	.60	2.50	4.50
French Breakfast	.05	.10	.20	.60	2.50	4.50
Yellow Summer Turnip	.05	.10	.20	.60	2.50	4.50
Long Scarlet Short Top	.05	.10	.20	.60	2.50	4.50
Giant White Stuttgart	.05	.10	.20	.60	2.50	4.50
Long White Spanish	.05	.10	.20	.65	2.65	4.75
Round Black Spanish	.05	.10	.25	.70	2.75	5.00
Long Black Spanish	.05	.10	.25	.75	2.75	5.00
California Mammoth White Winter	.05	.10	.25	.70	2.75	5.00
Chinese Celestial	.05	.10	.25	.75	2.75	5.00
Rose China Winter	.05	.10	.25	.70	2.75	5.00

RHUBARB

Culture—Sow in drills one foot apart, one inch deep, when a few inches high, thin to a foot apart. In fall or spring prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set the plants three feet apart each way.

Linnaeus—The earliest for market purposes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Victoria—Large and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

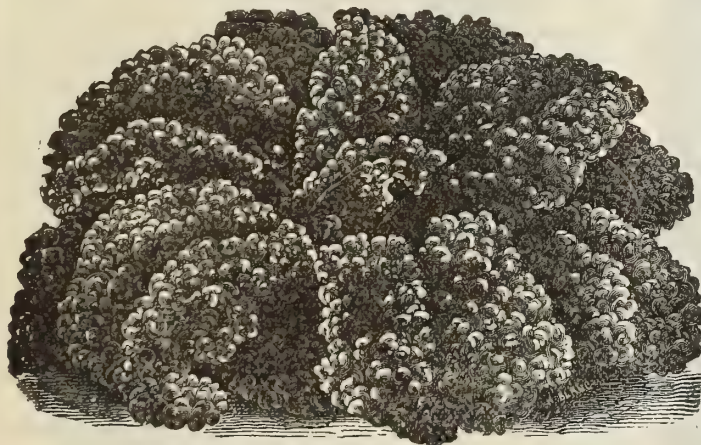
Roots—Not prepaid, dozen, 75c; each, 10c; prepaid, 2 for 25c; 5 for 50c; per doz., \$1.00.

SALSIFY

Culture—It succeeds best in a light, well enriched soil; coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow the seeds as early as possible, and quite deep in drills about eighteen inches apart, and thin the plants to three inches in the row.

Mammoth Sandwich Island—This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

SPINACH



Bloomsdale or Savoy Leaved.

Culture—Spinach is an important market gardener's crop, of easy culture. For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on spinach.

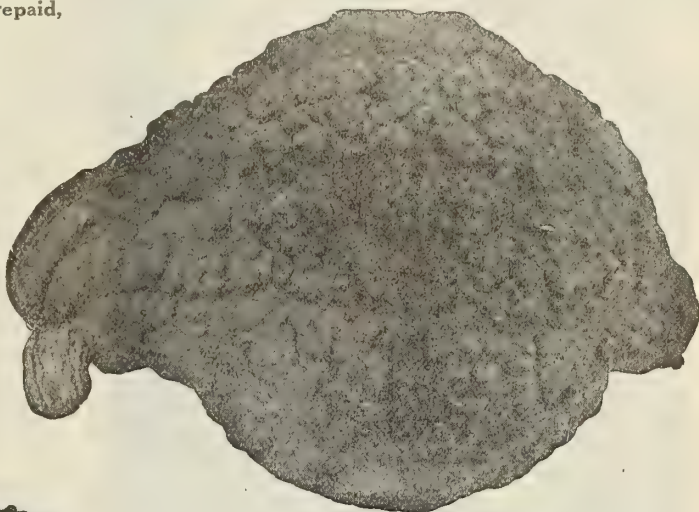
Thick Leaved Round—Good for either fall or spring sowing; very hardy; leaves large, round, thick. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid; 5 lbs., \$1.00, 10 lbs., \$1.75, not prepaid.

Bloomsdale or Savoy-Leaved—Leaves large, curled and wrinkled like Savoy cabbage, very hardy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid; 5 lbs., \$1.00; 10 lbs., \$1.75, not prepaid.

Long Standing—Standard with gardeners; leaves thick, fleshy and crumpled, round, large and of a dark green color; slow to run to seed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid; 5 lbs., \$1.00, 10 lbs., \$1.75, not prepaid.

Prickly Winter—Matures a little earlier than the round leaf sorts; very hardy, good for winter planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c, prepaid; 5 lbs., \$1.00; 10 lbs., \$1.75, not prepaid.

SQUASH



Warty Hubbard.

Mammoth White Bush Scallop—An early flat, scalloped variety, pure white, favorite early sort. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

Golden Custard Bush—A very early scalloped sort, color golden yellow; very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c, postpaid.

Giant Summer Crook Neck—Early, rough, warty surface, orange yellow, good quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

Chicago Warty Hubbard—The principal late squash for commercial purposes. An improvement on the old Hubbard. Skin heavily warted. The best late squash to plant for general crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, prepaid.

Nicotine kills bugs on squash and melon vines. See Nicotine front inside cover.

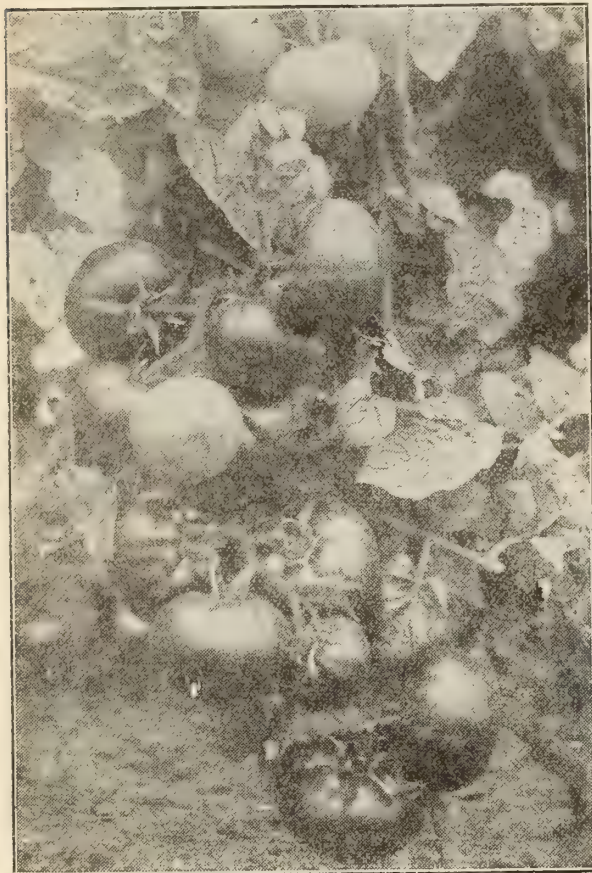


Mammoth White Bush.

TOMATOES

Harnden's Selected Tomato Seed

Culture—Tomatoes do best on not over rich, warm soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Even a slight check while the plants are small will materially diminish their productiveness. Sow the seed in hot-beds or seed boxes, and when the plants have four leaves, transplant into shallow boxes or cold-frames.



Dwarf Stone (Livingston's).
Double the Size of Dwarf Champion.
The Largest Dwarf in Existence.

Livingston's Dwarf Stone Tomato—In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and is practically the same size; double the size of Dwarf Champion, yet equally as early; more productive. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Buckeye State—One of the largest fruited varieties grown; smooth and uniform; heavy cropper; grows in clusters of from four to ten fruits; color glossy dark crimson, with slight tinge of purple; matures about the same time as the Stone. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Matchless—A large, bright red tomato; fruit large, smooth and symmetrical; flesh bright red color. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

New Stone—Large, smooth tomato; color bright scarlet; ripens evenly on the stem; solid, an excellent shipper, very productive; fine for canning; a general favorite with all who have used it. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Dwarf Champion—The best early tomato grown; entirely distinct in habit of growth and foliage; vines are dwarf and compact, grow stiff and upright, with thick, short-jointed stems. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Livingston's Beauty—True stock grows in clusters of four or five; glossy crimson, partaking of some of the characteristics of the Acme; retains its color and size until late in the season. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Spark's Earliana Tomato—This tomato has become very popular with many growers of tomatoes for early market; it is a very excellent early variety, good size, good color; twice as many plants can be grown on an acre of this variety than any other variety grown. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Trucker's Favorite—The finest large-fruited purple tomato. Most regular in form and size; thick-meated and very solid; this is one of the largest smooth tomatoes grown. Well ripened throughout. The smooth flesh fruits always bring the highest prices on our Kansas City market, where their fine flavor is especially esteemed. The fruits continue of large size to the very last, and are always unexcelled for slicing or cooking. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Crimson Cushion or Beefsteak—Fruit large; color bright scarlet, flesh solid and of good quality; cells small and few in number; very productive; fruit finely formed and of handsome appearance. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Large Red Trophy—Rich red color, very productive, smooth, fine grained fruit, strong, vigorous growing vine. One of the best late tomatoes. More largely used by canners than any other variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

	Oz.	$\frac{1}{4}$ lb.	Prepaid lb.
Acme —The earliest, bright pink tomato	\$0.20	\$0.60	\$2.00
Livingston's Favorite —Bright red; good size . . . . .	.20	.60	2.00
Livingston's Perfection —Standard red . . . . .	.20	.60	2.00
Royal Red —Large, smooth red; heavy cropper . . . . .	.20	.60	2.00
Ponderosa —The largest tomato in cultivation . . . . .	.35	1.00	3.50
Red Cherry . . . . .	.25	.75	2.50
Yellow Pear . . . . .	.25	.75	2.50
Yellow Plum . . . . .	.25	.75	2.50

WE CARRY TOMATO PLANTS IN SEASON
AT OUR RETAIL STORES

1418 GRAND AVE. and 505 WALNUT STREET.

Receiving Them Fresh Every Morning
From the Seed Beds.

TOBACCO SEED

The tobacco Seed we offer has been carefully grown on crown shoots only, and improved by continuous selection. It will be found true to name and of the highest vitality.

White Burley—This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

Connecticut Seed Leaf—The largest, best and finest variety of this indispensable kind. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Big Havana—A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture, delightful flavor and the earliest cigar variety to mature. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Missouri Broad Leaf—Extensively grown in Kansas and Missouri; the large broad leaves are used for the wrappers. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

AROMATIC, MEDICINAL and POT HERBS

Varieties marked with an * are perennials.

	Pkt.	Oz.
Anise (Anis)	\$0.05	\$0.10
*Balm (Melisse) .....	.05	.25
Belladonna (Tollkirsche) ..	.05	.30
Basil, sweet (Basilicum) ..	.05	.15
Borage (Gurkenkraut) ..	.05	.15
*Caraway (Kimmel) ...	.05	.10
Coriander (Koriander) ..	.05	.10
Dandelion (Loewenzahn) ..	.05	.25
Dill (Dill) .....	.05	.10
*Fennel (Fenchel) ....	.05	.20



Majoram.



Sage.

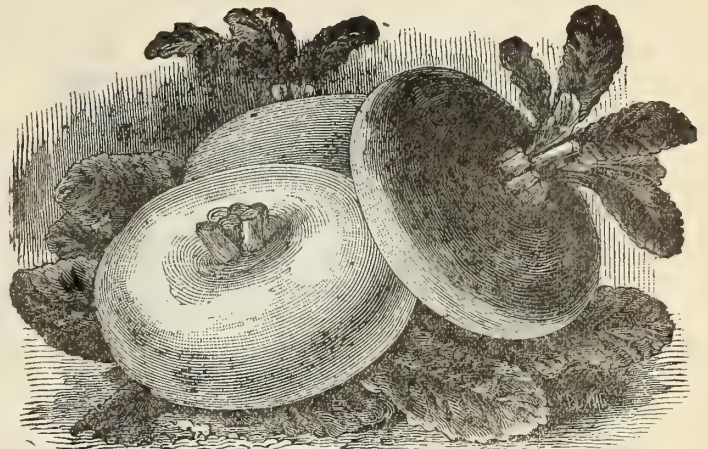
Martynia Proboscidea—For pickling. Pkt., 5c; oz., 30c; ¼ lb., \$1.00.

If You Wish to Buy Turnips in Large
Lots for Fertilizing Purposes
Ask for Prices

BLUE GRASS

There is nothing which gives your lawn the beauty and firmness like Blue Grass. We handle only the pure, strong seed. Prices as follows: One pound, 35 cents; three pounds, \$1.00; bushel, \$4.25. If to go by mail, add one-half cent per ounce.

TURNIP



White Flat Dutch. Purple Top Strap-Leaf.

Extra Early Red-Top Milan—The earliest strap-leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Early White Egg—Pure white, egg-shaped, rapid grower and fine quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.

Purple-Top Strap-Leaf—The most popular variety grown. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid; by express, 5 lbs., \$2.00.

Early White Flat Dutch—A popular, well-known early sort; the best variety for spring sowing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; by express, 5 lbs., \$2.00.

Purple-Top White Globe—Improved variety of Purple Strap-Leaf, globular shaped; smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; by express, 5 lbs., \$2.00.

Pomeranian White Globe—Valuable both for stock feeding and for table use; the roots will frequently grow to 12 lbs. in weight. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid; by express, 5 lbs., \$2.00.

Seven-Top or Forester (Winter Green)—Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.

Amber Globe—Yellow flesh, firm, fine grain; very sweet; skin yellow, with green top; keeps well; very popular in the South. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid; by express, 5 lbs., \$2.00.

Rutabagas or Swedes

Culture—Sow the seeds about a month earlier than turnips. Rutabagas should be sown on ground enriched with well rotten manure, in drills 2½ feet apart, and should be thinned to 6 to 8 inches apart in row.

Improved American Purple-Top—Leading yellow variety; very productive solid and of excellent flavor; the roots grow to a large size, and are of the finest quality; unsurpassed for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid; by express, 5 lbs., \$2.00.

FLOWER SEEDS

New and Standard Varieties



Alyssum—Little Gem or Carpet of Snow.

Prices on flower seeds are prepaid, either to go by mail or express.

While flower seeds will germinate in almost any kind of soil, they will not thrive or develop unless care is taken in the preparation of the seed beds. Dig the soil deep, thoroughly pulverize and liberally enrich with a large quantity of well rotted manure or good fertilizer. Make your seed bed as smooth and level as possible, and see that it is well drained so that no water will stand on it after a hard shower. Do not plant the seed in the ground when it is wet.

Our flower seeds are put up in packets by ourselves, and our customers will find culture directions on the back of each packet.

A good rule to follow in planting flower seeds is to plant four times the depth of the diameter of the seed you are planting. Plant in rows so that the plants can be easily seen. Thin out the young plants if you find they are crowded when they come up. Keep as free from weeds as possible.

If a little care is taken along these lines you will have much better success with your flowers.

AGERATUM—One of the best summer blooming plants grown from seeds. They are rapid growers, early and constant bloomers. Set the dwarf varieties 10 inches apart. Dark blue and white. Pkt., 5c; oz., 25c.

AQUILEGIA or Columbine—Hardy perennial plants, ornamental both in growth and flower and no bed of perennials would be complete without a due proportion of Columbine. Single mixed pkt., 5c.

ALYSSUM—Pretty little plants for beds, vases, edgings or rock work, with delicate white flowers of exquisite fragrance.

MARITIMUM—Very sweet scented. Oz., 30c; pkt., 5c.

ALYSSUM, Little Gem—This should really be called the Carpet of Snow. The plants are only about 2 inches high, but grow very dense and are completely covered with snow white blossoms from early summer until frost. Pkt., 5c; 1 oz., 40c.

SAXATILE COMPACTUM—"Basket of Gold"—Showy golden yellow flowers; hardy perennial; blooms the first season; excellent for rock work; height 1 ft. Pkt., 10c; oz., 60c.

AMARANTHUS—*Caudatus* (Love Lies Bleeding)—Pkt., 5c. *Tricolor* (Joseph's Coat)—Pkt., 5c. *Splendens* (Rainbow Plant)—Plants of upright growth; the inner foliage is of a dark, blackish bronze, while the outer foliage is an intense flaming crimson. Pkt., 5c.



Antirrhinum (Snap Dragon).

ANTIRRHINUM or Snap Dragon—An old garden favorite, with odd shaped flowers and pretty spotted throats; succeed in any good garden soil. They blossom the first season from seed sown in the spring.

Dark Scarlet—Pkt., 10c.

Coral Red—Pkt., 10c.

Queen Victoria—Very large, pure white. Pkt., 10c.

Black Prince—Large flowers, almost black. Pkt., 10c.

Galathee—Crimson and white. Pkt., 5c.

Delilah—White and carmine. Pkt., 5c.

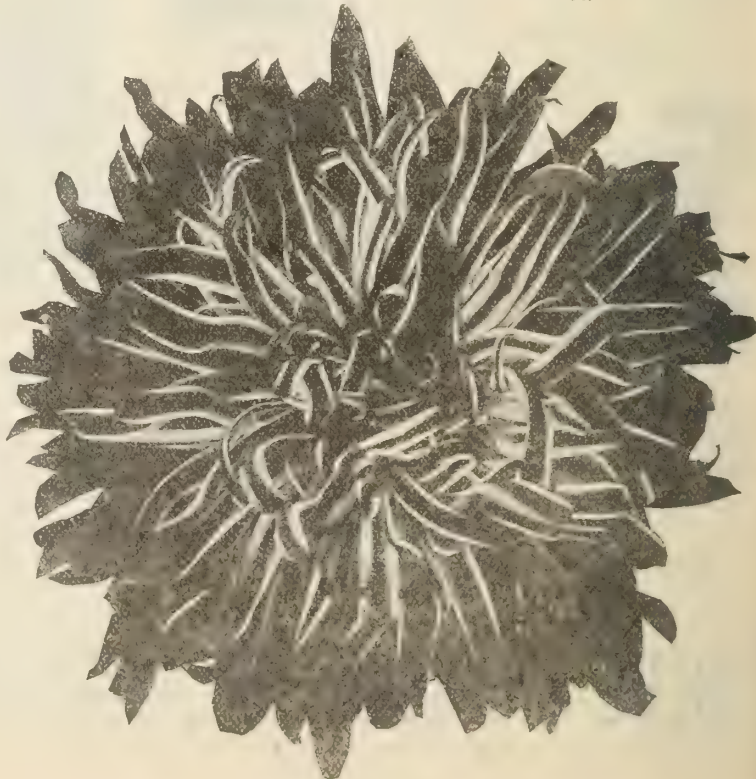
Dwarf sorts, mixed. Pkt., 5c.

Tall varieties, mixed. Pkt., 5c.

Aster

It is unnecessary to dwell on the great beauty of these popular flowers; as they are appreciated by every one.

The seed may be planted out of doors as soon as the ground is warm and dry. Sow the seed at intervals until the last of June using different strains and you will have a succession of bloom until frost.



Giant Comet.

(For description see page 21)

ASTER—Continued



Queen of the Market.

Giant Comet—The Comet Aster is well-known for its unique appearance, resembling the Japanese Chrysanthemums. The petals are longer and broader with the same beautiful wavy appearance of this class; 18 inches high; sulphur yellow, white, salmon rose, crimson, dark blue. **Finest Mixed.** Pkt., 10c; 3 for 25c; $\frac{1}{8}$ oz., 25c.

White Fleece—Large Comet shape. Pkt., 15c; $\frac{1}{8}$ oz., 50c.

Improved Victoria—Undoubtedly the finest Aster in cultivation; flowers large and perfectly double, 1 $\frac{3}{4}$ feet high. Our strain of this variety is the very finest. Delicate pink, crimson, dark blue, white, violet purple, light blue. Pkt., 10c, 3 for 25c; $\frac{1}{8}$ oz., 50c.

Paedony Flowered Perfection—Large, brilliant, very double and imbricated, 1 $\frac{1}{2}$ to 2 feet high; mixed. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Giant Branching Aster—Beautiful aster for cut flowers, borne on long stiff stems; profuse bloomers; perfectly double; clear bright colors; deep violet, lavender, dark rose, pure white, shell pink, finest mixed. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

Violet King—Soft violet, late branching habit; vigorous in growth, with long stiff stems; in form the flower is entirely new and distinct; petals somewhat resemble the quilled varieties, but are much larger and broader. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Queen of the Market—The finest Dwarf Aster. It forms low bushy plants about ten inches high, of compact habit of growth, producing a great number of extra large flowers; fully two weeks earlier than other sorts. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Dwarf Victoria Aster—Mixed colors; very beautiful, with large finely imbricate flowers. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Dwarf Comet Perfection Aster—Eight inches high, flowers early in July; flower five inches in diameter, petals well curled. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Balloon Vine (Love in a Puff)—A rapid growing, climber, with peculiar inflated capsules. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Balsams

(Lady Slippers or Touch-Me-Not.)

To produce very double flowers they must be transplanted from the seed bed into rich soil; cut out some of the side branches when small. Sow the seed in March and transplant when three inches high. Plant in the open ground in May.

Balsam Double Camellia Flowered—Undoubtedly the showiest and most attractive variety of Balsam. Mixed colors. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

Double Rose Flowered—Has perfectly double rose-like blossoms of almost every shade and color. Mixed colors. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

Our Flower Seeds Have All Been Tested
and
Will Give the Best of Satisfaction



Balsam Double Rose Flowered.

DON'T FAIL TO LOOK AT OUR LINE OF JARDINIERS, WINDOW BOXES, HANGING BASKETS AND INDIAN WARE.



Candytuft—Giant Hyacinth Flowered.

CALLIOPSIS—Showy and beautiful free flowering annuals; blooming all summer and excellent for cutting.

Golden Wave—Plant very bushy and compact, about 2 feet high, and covered from July to October with hundreds of beautiful golden blossoms, marked with dark brown in center. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c.

California Sunbeams (Hardy)—Very large flowers; various shades of yellow; height 1 ft. Pkt., 10c.

Radiata—Dark brown, with twisted and fluted petals. (New). Pkt., 10c.

Calendula—(Pot Marigold)—Sow seed early in the open ground and they will bloom profusely from June until frost.

Orange King—The best of all Marigolds. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

CANDYTUFT—Giant Hyacinth Flowered—The flower heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c.

Older sorts in mixed colors.. Pkt., 5c; oz., 20c.



Candytuft Perennial **Gibraltarica** — Delicate bluish white. Pkt., 10c.

CANTERBURY BELL (Campanula) — Cup and Saucer. A very striking and beautiful variety, and a most desirable and attractive addition to this class of old garden favorites; the flowers are nearly 4 inches in diameter, resembling a cup and saucer. Blue. Pkt., 5c.

Medium Double Mixed. Pkt., 5c.

Cannas, Giant Flowered Crozy Type.

CANNAS—"Giant Flowered Crozy Type"—Our seed has been saved from a collection comprising over 50 kinds. Soak the seed in hot water 12 to 24 hours before sowing. When young plants show two or more leaves, they should be transplanted. Pkt., 5c; oz., 20c.

Giant—Bright red. Pkt., 5c; oz., 25c.



Canterbury Bell (Cup and Saucer).

DWARF MARGARET CARNATION—A carnation that blooms the first year from seed. The plants are of dwarf, compact habit and flower most abundantly, through the whole year; 80 per cent of the flowers are very double, never burst and embrace a great variety of color. Pkt., 10c; 3 for 25c; $\frac{1}{8}$ oz., 35c.

Grenadin—Dwarf, brilliant scarlet, very early flowering. Pkt., 10c. **Large Double White**, pkt., 10c; **Large Double Pink**, pkt., 15c.



Dwarf Margaret Carnation.

CENTAUREAS (Bachelor's Button) — Very free blooming, hardy annuals; also called Blue Bottle, etc. Pkt., 5c. **Centaurea Candissima**, Pkt., 10c.

CENTAUREA (Marguerite)—This variety is entirely distinct from all other Centaureas. The plants grow about 18 inches high and are of the easiest culture. The large flowers are of the purest white. Pkt., 10c.

CENTAUREA Imperials (Giant Sweet Sultan)—The bushes are from 3 to 4 feet high and are covered with large sweet-scented flowers. If cut when first opened will keep for 2 week in water. Pkt., 5c.

**Cockscomb (President Thiers)**

CHRYSANthemum ANNUAL—No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer. Sow seed early in the spring in shallow drills and thin out or transplant, plants to be 10 inches apart. Double varieties mixed. Pkt., 5c; oz., 15c.

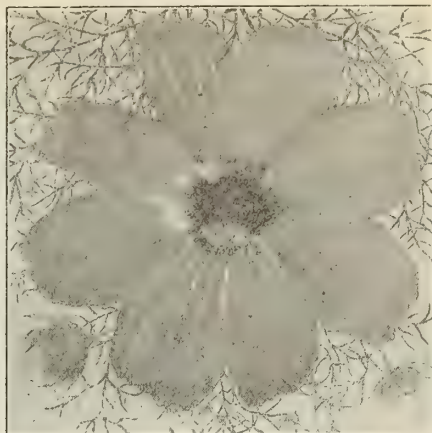
Indicum, fl. pl.—Half hardy perennial; desirable as pot plant but sown more generally outdoors; very double, mixed colors. Pkt., 25c.

COBAEA SCANDENS—A magnificent, quick-growing climber with beautiful foliage and large bell-shaped flowers. Plant the seed edgewise in moist earth and cover only slightly. Pkt., 10c.

COCKSCOMB (Celosia)—Highly ornamental plants, producing crested heads, somewhat resembling a cock's comb; start in the house and transplant last of May.

COCKSCOMB (President Thiers)—One of the most dwarf of all the cockscombs; bears large crimson combs; if planted alongside of rows of Golden Feverfew and Dusty Miller it will make one of the most brilliant strips of border; also a handsome pot plant. Pkt., 10c. Dwarf varieties, mixed, pkt., 5c.

COCKSCOMB (Ostrich Feather)—Ornamental, grown either in a pot or out of doors. Grows in pyramid form, about three feet high. Its scarlet flower sprays are feathered, or plume-shaped. Our mixture includes brightest colors in flowers and foliage. Pkt., 5c.

**Cosmos Lady Lenox.**

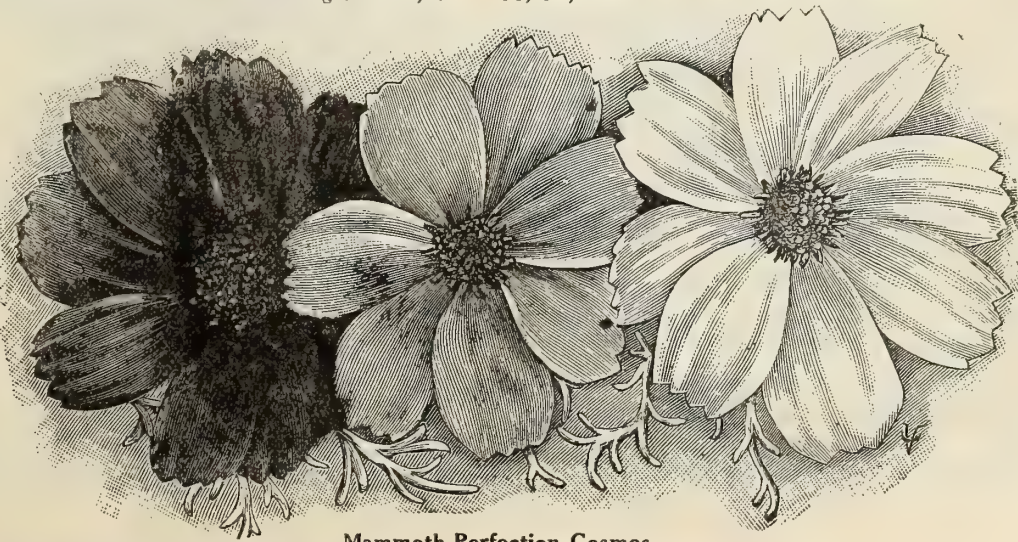
COSMOS—A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often 4 to 6 feet high and covered with large single Dahlia-like flowers. Sow the seed early in spring thinly in drills, or two or three seeds may be planted in places where seed are to bloom; have the plants stand about two feet apart. If topped when half grown the plants will bloom much earlier, the check seeming to induce immediate flowering.

LADY LENOX—The New Gigantic Orchard Flowering Cosmos—An entirely new race of Cosmos of extraordinary size and beauty. Flowers 6 to 7 inches in diameter. Color a delightful shell pink, lighting up beautifully at night. Habit of plant strong and vigorous, growing 6 to 7 feet high. Pkt. 10c.

Mammoth Perfection—These are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 inches across. White, pkt., 5c; pink, pkt., 5c; crimson, pkt., 5c; all colors, mixed, pkt., 5c; early flowering, mixed, pkt., 5c; oz., 40c.

WILD CUCUMBER—This is the quickest growing climber in our list. It will grow 30 feet in one season. It is thickly dotted over with pretty white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. Pkt., 5c; oz., 40c.

CYPRESS VINE (Impomoea)—A most beautiful climber, with delicate dark green foliage and an abundance of bright star-shaped rose, scarlet and white blossoms. Do not plant seed till the ground is thoroughly warmed. White, pink, crimson. Pkt., 5c; mixed, pkt., 5c; oz., 25c.

**Mammoth Perfection Cosmos.**



Shasta Daisy.

SHASTA DAISY—A magnificent daisy or Marguerite, with pure white flowers with yellow centers. Borne on long, stiff stems; very valuable for cut flowers and decorative uses. The plants are perfectly hardy; blooms the first year from seed, but does not reach perfection until the second season. **Seed per pkt., 10c.**

Shasta Daisy—Pure creamy yellow. **Pkt., 10c.**

DAISIES—Plants of double daisies will bloom the first summer and will continue to bloom for years if slightly protected during the winter.



Double Daisy.

DOUBLE DAISIES (*Bellis Perennis fl. pl.*)—Very pretty flowers, desirable for borders; can be easily raised from seed sown in spring. **Double white, pkt., 10c; double mixed, pkt., 5c.**

AFRICAN "GOLDEN-ORANGE" DAISY—The plants of neat branching habit, grow only twelve to fifteen inches high and are exceedingly profuse in flowering. Its Marguerite-like blossoms are of a rich glossy orange-gold. **Pkt., 10c.**

DAHLIAS—Grown from seed will flower the first year. Plant in the house in shallow boxes or pans; transplant as often as their growth requires; the seed germinates very easily. **Double mixed, pkt., 10c.**

DELPHINUM (Larkspur)—One of the most showy hardy annuals in cultivation. The colors range in all shades of blue, white, pink, red and fawn. The shades are very seldom kept separate, as they are more effective when planted mixed.

Annual Varieties: Dwarf Rocket—Mixed, **pkt., 5c; oz., 40c.**

Tall Rocket—Mixed, per **pkt., 5c; oz., 40c.**

Perennial Varieties—Are taller than the annual varieties and need more space for growing. **Blue, pkt., 10c. Mixed, pkt., 10c.**

OUR FLOWER SEEDS HAVE ALL BEEN TESTED
AND
WILL GIVE THE BEST OF SATISFACTION.



Climbing Dolichos (Hyacinth Bean).

CLIMBING DOLICHOS (Hyacinth Bean) (Princess Helen Daylight)—One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by mid-summer. The flowers which appear in great numbers, are snow-white, sweet scented and are followed by cream colored pods, which hang on the plants until late in the fall. **Pkt., 5c; oz., 20c; purple, pkt., 5c; oz., 20c.**

ESCHOLTZIA, California Poppy—A genus of the poppy family, and fully as valuable as the common poppy for garden ornamentation, and as easily grown. Do not transplant. Height one foot.

THE GOLDEN WEST—Flowers have large overlapping petals, often delicately waved at the edges, showing beautiful and varied forms. Color an intense shining yellow with orange blotch at base of the petals. **Pkt., 5c.**

FOXGLOVE (*Digitalis*)—Plants grow 3 to 4 feet and produce dense spikes of brilliantly colored flowers. A valuable flower in every perennial garden. **Pkt., 5c.**

FORGET-ME-NOT (*Myosotis*)—Beautiful little plants, with star-like flowers, blooming the first year if sown early. **Pkt., 5c.**

Alpestris—Blue. **Pkt., 5c.**

Alpetris Alba—White. **Pkt., 5c.**

Rosea—Pkt., 10c.

Victoria—Sky Blue. **Pkt., 10c.**

FOUR O'CLOCKS (*Mirabilis* or *Marvel of Peru*)—Large growing shrub-like plants, with funnel-shaped flowers of many colors. **Mixed, pkt., 5c; oz., 15c.**

GERANIUMS—These grow readily from seed and produce blooming plants the first summer, and there is always the chance of securing something new and desirable in that way. **Splendid mixed, pkt., 5c.**



Gaillardia Grandiflora Compacta.

GAILLARDIA—Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn.

Gaillardia Grandiflora Compacta—A beautiful new hardy flower. Compact growing varieties of the hardy perennial Gaillardias, forming round bushes of about 12 to 15 inches in height and bearing its long-stemmed blossoms perfectly upright. The colorings of the flowers are rich and varied. As the plants produce their flowers most profusely and in constant succession from June to autumn, this novelty with its improved habit will prove to be one of the most desirable of all hardy perennials, grown for cut flowers. **Pkt., 10c; 2 for 15c.**

Picta Lorenziana—A charming profuse double flowering strain of the hardy Gaillardia, beautifully mixed colors. **Pkt., 5c.**



Gaillardia Picta Lorenziana.

ORNAMENTAL GOURDS—A class of rapid-growing annual climbers, which attain a height of 20 feet in a season, and are most useful for covering old trellises, fences, stumps, verandas, etc.

Calabash	pkt. \$0.10
Dish Cloth	pkt. .05
Nest Egg	pkt. .05
Dipper	pkt. .05
Sugar Trough	pkt. .05
Apple Shaped	pkt. .05
Pear Shaped	pkt. .05
Mixed	pkt. .05
Mixed	oz. .25

THE HOLLYHOCK, in its present state of perfection, is very unlike its parents of olden times. It now ranks with the dahlia, aster, etc., being exceedingly rich and

varied in color, and as double as a rose, and in the best, brightest and most charming colors. **Charter's finest mixed**, pkt., 10c; oz., \$1.50. **Double White**, pkt., 10c; oz., \$2.00. **Double Pink**, pkt., 10c; oz., \$2.00. **Double Crimson**, pkt. 10c; oz., \$2.00. **Double Yellow**, pkt., 10c; oz., \$2.00.

New Everblooming—Double and single mixed; blooms the first year from seed. **Pkt., 10c. Single Mixed**, pkt., 10c.

HELIOTROPE—A well-known old variety; its delightful perfume makes it a most desirable bouquet flower. **Pkt., 10c.**

JAPANESE HOP—(*Humulus Japonicus*)—A splendid annual climber of rapid growth; withstands heat, drouth and insects; remains fresh until late in the fall. Variegated leaves. **Pkt., 10c.**

Chinese Kudzu Vine

KUDZU VINE

(**Jack and the Bean Stalk Vine**)—A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old or dead trees. This vine is a native of China and is cultivated for its beauty and also for the edible value of its roots. Its large bright green leaves afford a dense shade. It is hardy and will last for many years. Will grow fifty feet if permitted, and has dense foliage clear to the ground. **Pkt., 10c; oz., \$1.25.**

KOCHIA SCOPARIA (**Summer Cypress**)—Pretty ornamental plant with fine feathery foliage, very much like Cypress Vine; light green turning to blood red in autumn. **Pkt., 10c.**

LOBELIA—Exceedingly pretty and of value chiefly for hanging baskets and border work.

Crystal Palace Compacta—Deep blue, for bedding. **Pkt., 10c.**

Lobelia Cardinalis—Long spikes of rich cardinal flowers. **Pkt., 10c.**



Chinese Kudzu Vine

Marigolds

The African and French Marigolds are old favorites; the former have uniformly large yellow or orange colored flowers and are well adapted for large beds; the latter are dwarf in growth, with beautifully striped flowers and better suited for bedding purposes; succeed best in light soil, with full exposure to the sun.

Double Tall African—Mixed, oz., 40c; pkt., 5c.

Double Dwarf French—Mixed, oz., 50c; pkt., 5c.

Legion of Honor—A beautiful single dwarf, bushy variety, bearing rich golden yellow flowers, marked with velvety brown; about 9 inches high. **Pkt., 5c; oz., 40c.**

MAURANDIA—Graceful climber for conservatory, parlor baskets, or out-door purposes; with rich purple, white and rose, tube-shaped flowers. **Pkt., 10c.**

MOON FLOWER

(White)—The most beautiful of annual climbers. In rich, warm ground the plants readily grow 25 feet high. The large flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Pkt., 10c; Moon Flower plants, 15c each; prepaid, 25c.



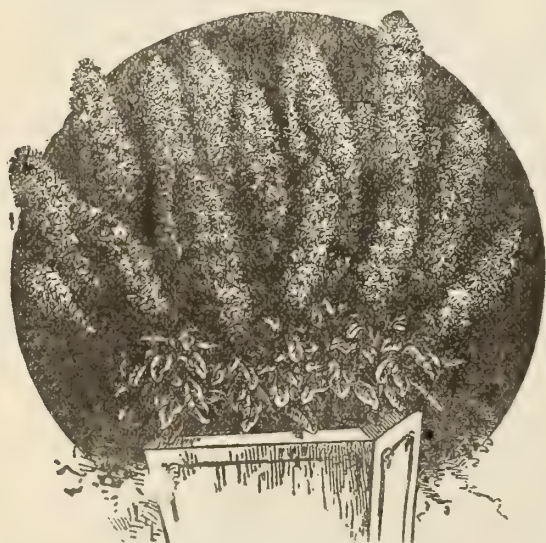
Giant Japanese Morning Glory

Special Mixture—Nothing among flowers can furnish a more beautiful sight than screen or trellis of these "Giant Japanese Morning Glories." Soak the seed in water for 24 hours before sowing. Best single fringed, mixed, pkt., 10c; oz., 25c.

Morning Glory (Convolvulus)—The best known and most popular climber. Tall varieties, mixed, pkt., 5c; oz., 10c; ¼ lb., 25c.

Mignonette

Giant Mahcet—There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage distinct, while its odor is strong and most delicious. Pkt., 10c; ½ oz., 40c.



Mignonette Grant Machet.

MOON VINE.

Reseda Odorata (Sweet Scented)—A well-known annual, producing dense, semi-globular heads of exceedingly fragrant flowers. Pkt., 5c; oz., 15c.

Ameliorata—Very sweet scented. Pkt., 5c; oz., 15c.

Mimulus Cuprens—Mixed hardy annual, musk scent; nice for border. Pkt., 10c.

Nasturtium

Few plants are more easily grown or remain longer in bloom. In favorable soil flowers are produced in abundance throughout the season.

Dwarf Varieties.

King Theodore—Dark maroon, bluish green foliage. Pkt., 5c; oz., 15c.

Prince Henry—Flowers beautiful golden yellow, spotted scarlet; deep brilliant foliage. Pkt., 5c; oz. 15c.

Golden King—Rich Golden yellow. Pkt., 5c; oz., 15c.

King of Tom Thumbs—Dark scarlet, dark leaves. Pkt., 5c; oz., 15c.

Pearl—Creamy white. Pkt., 5c; oz., 15c.

Ruby King—Rich Crimson. Pkt., 5c; oz., 15c.

Extra Fine Dwarf Mixed—Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.



We are Careful in the Selection of the Seeds We Send our Customers, hence the Secret of our Success.

NASTURTIIUM—Tall Varieties

Besides their ordinary use in the garden for trailing over stone walls, fences and trellises, they are very pretty grown in pots, hanging baskets and vases for winter plants.



Black Prince—Velvety black purplish-crimson, dark foliage. Pkt., 5c; oz., 15c.

Crown Prince of Prussia—Blood red. Pkt., 5c; oz., 15c.

Edward Otto—Brownish lilac. Pkt., 5c; oz., 15c.

Primrose—Cream with brown spots. Pkt., 5c; oz., 15c.

Lucifer—Dark Scarlet. Pkt., 5c; oz., 15c.

Pearl White—Pkt., 5c; oz., 15c.

Hybrids of Madam Gunther's—This race is distinguished by its dark foliage and richness of color. They make a strong growth, climbing 6 to 10 feet high, and are covered with large flowers of the most brilliant shades. They are remarkable for their wide range in self colors, as well as striped and blotched. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Tropaeolum Lobbianum—Mixed, each: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Extra Fine Tall Mixed—A very choice mixture of the best named sorts, including some of "Lobb's Nasturtiums" and the beautiful "New Hybrids." Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

NICOTIANA AFFINIS (Sweet Scented Tobacco Plant)
A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of their bloom. Pkt., 5c.

NICOTIANA SANDERAE—Laden with handsome carmine blossoms from base to summit, which are produced on a single plant, making a beautiful plant for garden, bed or shrubbery border; a hardy annual, with dark foliage. Pkt., 10c.

Pansies

May be sown in early spring or fall. When sown in the fall make fine blooming plants for early spring; if sown in spring will bloom through July and August. Pansies will bloom through the entire summer, but produce finest flowers in spring and fall when the weather is cool. They do better in a cool moist location.

Harnden's many colors, in good mixture, pkt., 5c; ¼ oz., 20c.

Harnden's Park Bedding Varieties comprise all the best colors and strains of pansies we have tested for the last fifteen years, and can recommend each and every one. The plants are of even growth; the flowers are large and well above the foliage; a fine strain for bedding purposes. Pkt., 10c; ½ oz., \$1.50; oz., \$2.50.

Harnden's Superb Mixed—The richest and choicest mixtures offered, producing the finest colors and largest flowers. The finest pansy we have ever offered our customers. Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$4.00; oz., \$7.50.

Giant Trimardeau—The largest flowering of all giant pansies. Contains a very fine assortment of colors. Pkt., 15c; oz., \$3.50.

Imperial Giant German Mixed—Pkt., 25c; ½ oz., \$2.50; oz., \$5.00.

Masterpiece.

Masterpiece—This strain comes nearer to double Pansy than any other, it has the same number of petals as any other Pansy, but they are crumpled and curled in such a fashion that flowers appear double. Pkt., 15c; ½ oz., 75c.

Emperor Frederick—Dark purple with golden orange border. Pkt., 10c.

King of the Blacks—Pkt., 10c.

Light Blue—Beautiful self-colored. Pkt., 10c.

Lord Beaconsfield—Deep pure violet. Pkt., 10c.

Meteor—Bright yellow and brown blotched. Pkt., 10c.

Peacock—Rainbow shades. Pkt., 10c.

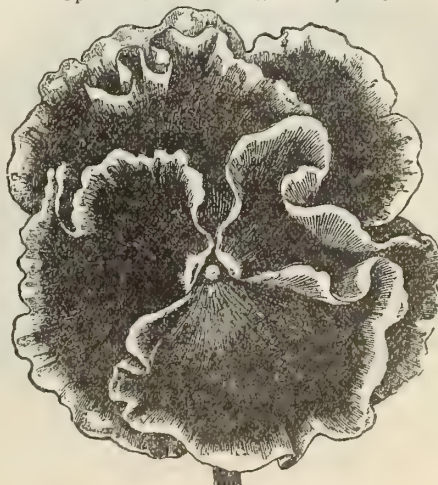
Purple, White Edge—Pkt., 10c.

Purple Mantle—Fiery purple. Pkt., 10c.

Snowflake—Pure satiny white. Pkt., 10c.

Striped and Fancy—Pkt., 10c.

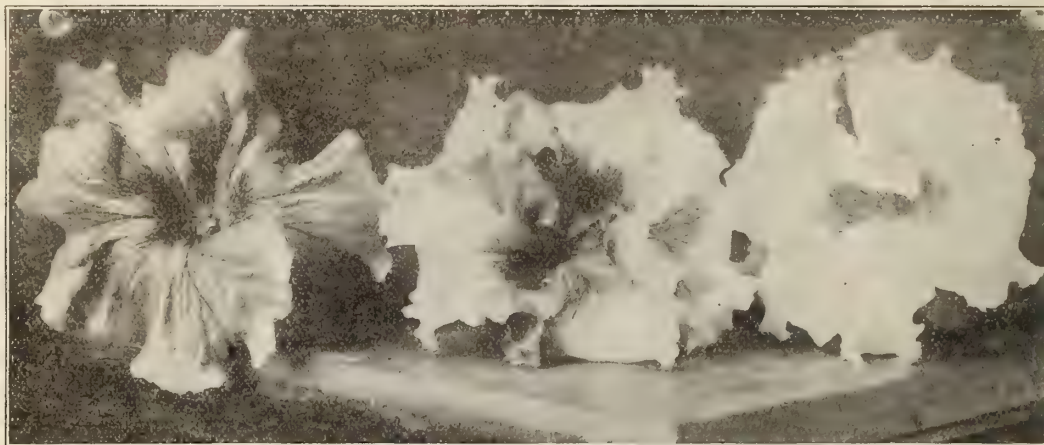
Victoria—Splendid claret red. Pkt., 10c.



Pansy Giant Curled Masterpiece.

Sulpho Tobacco Soap
Kills Green Lice on
Pansies

PETUNIA



GIANTS OF CALIFORNIA.

Beautiful free blooming plants of easy cultivation. They commence flowering early and continue a mass of bloom throughout the season. Sow the seed any time in the spring in shallow drills or broadcast, and when well started thin out or transplant to stand 1 foot apart each way. The seed of the Double Giant Flowered varieties is so expensive that it would be advisable to sow it in boxes in March or April and transplant later.

Giants of California. "The Giants of California" bear gigantic flowers, often five or more inches in diameter, of an astonishing variety of colors. One of the chief points of excellence is the deep throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining. Many are deeply lined and netted, on a white, pink, or lavender ground. Flowers are beautifully ruffled and frilled. Mixed, **per pkt., 25c.**

Fluffy Ruffles (Single)—The most delicate ruffled and fringed of all Petunias, slightly smaller than the Giants, but more ruffled. Mixed colors. **Per pkt., 25c.**

Choice Mixed—A very fine strain, including many of the large flowering varieties. **Pkt., 10c; 1-8 oz., 25c.**

Large Flowering—They are unexcelled in size, substance and brilliancy of color. **Pkt., 20c.**

Admiration—Beautiful dark blue with white stripes and spots.

Alba—Pure white.

Single Large Flowering Fringed—A choice selection; the flowers are of very large size and beautiful shape; deep throated and of varied and brilliant colors and beautifully fringed. **Pkt., 25c.**

Double Large Flowering Fringed—Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. **Pkt., 25c.**

PHLOX



Drummondii Grandiflora.

There is no annual which can be compared for beauty and brilliance of colors to the Phlox; their long duration in bloom, combined with their almost unequaled richness of color, render them of invaluable service. Sow the seed thinly in shallow rows and thin out or transplant the plants when two inches high, about 6 inches apart.

Many Colors, Mixed— $\frac{1}{4}$ oz., 15c; **pkt., 5c.**

Large Flowering Varieties, Mixed— $\frac{1}{4}$ oz., 25c; **pkt., 10c; per oz., 75c.**

Star of Quedlinburg—A very striking variety. The growth is dwarf and the habit very compact; the flowers are very distinct, and of regular star-like appearance, thus producing a most brilliant effect. **Many colors, mixed, pkt., 10c; 1 oz., 75c.**

DWARF PHLOX—A lovely strain, the plants growing very symmetrical in neat little bushes about 6 to 8 inches high and covered with bright flowers during the whole summer and fall; much superior to the other phloxes for ribbon bedding or borders. **Mixed, pkt., 10c.**

Snowball—Flowers pure white. **Pkt., 10c.**

Fireball—Glowing brilliant scarlet. **Pkt., 10c.**

PINKS—Dianthus

Double Chinese—The flowers are all double and very showy. **Mixed**, per pkt., 5c.

Heddewigi (Japan Pink)—Beautiful double flowers of the brightest colors. Handsomely fringed. Borne on long stiff stems. **Per pkt., 5c.**

Mourning Pink—The most striking of all pinks; rich velvety crimson, margined with pure white. **Pkt., 5c.**

Plumarius (Sweet May Pinks)—These are fine, fragrant perennials of old-time gardens, fine for massing and cutting. **Per pkt., 5c.**



Pinks (Dianthus.)

PORTULACA

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued, brilliant colored Portulacas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation.

Single Mixed, pkt., 5c; $\frac{1}{2}$ oz., 25c.

Double Mixed—A very fine strain, producing a great many double flowers. **Pkt., 10c; 1-8 oz., 75c.**

PYRETHRUM (Feverfew)—Very useful and universally admired bedding plants, deserving a place in every garden.

AUREUM (Golden Feather)—Beautiful gold-leaved bedding plant; used largely for ribbon bedding. **Pkt., 5c.**

POPPIES

These old fashioned flowers are at present, like the well-known Dahlias, regaining their old-time popularity. This is not strange when we consider how little time is required for their culture. Their brilliant color and wonderful variety make a very effective display in the garden or for cut flowers.

Shirley, Silk or Ghost Poppy—The Shirley Poppy is now new. The plants grow about $2\frac{1}{2}$ feet high, with large, finely shaped flowers, being generally single or semi-double and running through a great variety of colors, especially strong in shades of terra-cotta and combinations of this with pink. **Pkt., 5c.**



Poppy (Double Carnation Flowered.)

Tulip Poppy—Produces, large, splendid, bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; 14 inches high. **Pkt., 5c.**

Carnation Flowered—Splendid double fringed flowers of various colors. $\frac{1}{4}$ oz., 15c; pkt., 5c.

Feathered, double mixed, per pkt., 10c.

Oriental—Enormous flowers of deep flashing scarlet; perfectly hardy; 3 feet. **Pkt., 10c.**

Iceland Poppy—Hardy perennial; blooming the first year from seed; of graceful, neat habit, with bright green, fern-like foliage. The colors range from purest white to the deepest orange scarlet; one foot high; orange, white and yellow. **Per pkt., 10c.**

RICINUS—Castor Bean

A very showy plant. Can be used in various ways; planted thickly it forms a handsome hedge or screen; may be used with cannas to a very good effect, lends a tropical appearance to the garden.

Cambodgensis—Large, palm-like leaves of brilliant bronzy red; stalks nearly black. **Pkt., 5c; * oz., 20c.**

New Zanzibar—A new and distinct class which surpass in size and beauty all the varieties heretofore known. The plant grows from 10 to 15 feet high, and the leaves measure about 30 inches across. **Mixed varieties, $\frac{1}{2}$ oz., 20c; pkt., 5c.**

SALPIGLOSSIS

These annuals have showy, large, funnel shaped flowers; mottled, veined and self colored. They require a rich soil and will well repay liberal treatment.

Emperor, Mixed, per pkt., 5c.

SCABIOSA

Mourning Bride—One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; 1 to 2 feet. **Mixed sorts, pkt., 5c.**

SWEET WILLIAM

DIANTHUS BARBATUS

The seed can be planted very early in the spring and will blossom the following summer; or sown in August will make blooming plants for spring. **Single, Mixed, pkt., 5c; Double, Mixed, pkt., 10c.**

SWEET PEAS

Culture—The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. They are usually grown in double rows with a wire trellis or a row of brush between. Make a trench six inches deep; in this sow the seed plentifully two inches deep. As soon as the plants begin to show



Spencer Sweet Pea

through, fill up the trench with soil. This will secure a deep planting without the bad effects of deep covering of the seed at first. As the flowers come in full bloom or fade, they should be cut off, for, if the pods are allowed to form they will stop blooming. **Remember**—1st, Sweet Peas do best in rich, moist soil; 2nd, do not loosen soil around the plants; 3rd, plant seed in a warm sunny spot. A liberal use of bone fertilizer worked into the soil will give excellent results.

New Spencer Sweet Peas

The Spencer type are very much larger than the ordinary varieties. The finest Sweet Peas yet developed are obtained in this class. All Spencers are very shy seeders and the price will always be much higher than for the old type.

The standard and wings are waved or frilled and the effect much more graceful and attractive.

We have listed below the best varieties and recommend them to all lovers of Sweet Peas.

Waved Spencer Varieties

Apple Blossom—Very large—standard rose, showing veins of deeper rose, wings light carmine on primrose ground. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Asta Ohn Spencer—Pure lavender with tint of pinkish rose, self colored. Per pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Countess Spencer—The original Spencer. Beautiful waved, very large, handsomely formed. Clear bright pink. Per pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Florence Morse Spencer—Very large size. Delicate blush with pink margin. Per pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

George Herbert—Large waved blossoms, bright rose carmine. Per pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Helen Lewis—Large size. Standard, crimson orange, wings orange rose. Per pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60 cts.

King Edward Seventh—Very large size, pure bright red or crimson scarlet. Per pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Marie Corelli—Large size, brilliant rose crimson, self color. Per pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Othello—Very large size, deep velvety maroon. Per pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Primrose Spencer—Large, pure, light primrose yellow. The finest variety of this color. Per pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Senator—Very large size, Ivory white with flakes, splashes and stripes of chocolate, maroon and violet. Per pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

White Spencer—Large white seeded. The finest white and the most perfect of any in existence. Per pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Spencer Mixed—Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Extra Early Varieties—Earliest of all. Extra early or Christmas type, standard rose; wings white, very early. Per pkt., 5c; per oz., 10c; $\frac{1}{4}$ lb., 25c.

Mont Blanc—Extra early or Christmas white, open from pure white. Per pkt., 5c; per oz., 10c; $\frac{1}{4}$ lb., 25c.

Mrs. C. H. Totty—Extra early or Christmas type, hooded form. Pure lavender. Per pkt., 10c; per oz., 20c; $\frac{1}{4}$ lb., 60c.

Meteor—Pure red large flowered. Per pkt., 10c; per oz., 20c; $\frac{1}{4}$ lb., 60c.

One packet each of these twelve magnificent Spencer Sweet Peas for \$1.00 post paid.



Large Flowering Grandiflora Varieties.

SWEET PEAS—Continued

HARNDEN'S LARGE FLOWERING GRANDIFLORA
VARIETIES.

WHITE.

- Dainty**—Pure white with pink edge. Very long stems.
Dorothy Eckford—Pure white, large flower.
Blanche Burpee—Large, pure white.

DEEP AND LIGHT PINK.

- Alice Eckford**—Soft bright pink, perfect form, giant size.
Apple Blossom—Crimson pink, shaded white; wings white, shaded pink.
Blanche Ferry—Medium size, fine form, bright pink color, wings large.
Katherine Tracy—Soft Rosy Pink, light edges, large flowers.
Lovely—Deep pink, shaded to light pink.
Prima Donna—Large fine form. Blush Pink.

Harnden's Special Mixture

Prices unless otherwise noted: Pkt. 5 oz. 10c,
 1-4 lb. 25c, 1 lb. 60c.

This cut represents a vacant lot in Kansas City, Mo., formerly grown up to rag weeds and burdock, covered with tin cans, old lumber and ash heaps, which was transformed and made to look beautiful. If you have one like it next door, get busy and help make Kansas City a beautiful as well as a good place to live in.



ORANGE PINK.

- Boulton's Pink**—Rich pink, profused with salmon.
Gorgeous—Bright orange pink, shaded rosy lilac.
Janet Scott—Light pink and buff.

LAVENDER AND LIGHT BLUE.

- Countess of Radnor**—Distinct beautiful shade of lavender.
Countess Cadogan—Little darker than navy blue.
Dorothy Tennant—Rose purple.
Flora Norton—Bright sky blue.
Lottie Eckford—White shaded with lilac.
Lady Grisel Hamilton—Large flower, distinct shade of lavender.
Phenomenal—Very large with fluffy standard and wings. White ground, shaded and edged with lilac.
 All varieties on this Page, 5c pkt.; oz. 10c; ¼ lb., 25c; lb., 60c.

DARK BLUE AND PURPLE.

- Captain of the Blues**—Medium size; standard clear purple; wings blue.
Duke of Sutherland—Deep claret, standard; wings bright indigo blue.
Duke of Westminster—Almost a clear purple.
Lord Nelson—Deep navy blue.
Mrs. Geo. Higginson, Jr.—Azure blue.
Navy Blue—Blue, rich violet purple.
Horace J. Wright—Large size. Standard violet maroon; wings violet.

BRIGHT RED AND ROSE.

- Mrs. Dugdale**—Primrose, overlaid with bright red.
King Edward VII.—Dark bright crimson, large flowers.
Prince of Wales—Shell shaped, clear rose crimson.
Queen Alexandria—Very bright red, almost a true scarlet.

DARK RED AND MAROON.

- Black Knight**—Dark maroon.
Black Michael—Beautiful dark plum color; large.
Mrs. Walter Wright—Rose purple, changing to blue when full matured.
Duke of Clarence—Dark claret.

YELLOW AND PRIMROSE.

- Hon. Mrs. E. Kenyon**—Fine large clear primrose.



New Scarlet Sage—"Clara Bedman."

VERBENAS

Plants grown from the seed are not only cheaper, but are strong and vigorous in growth, with rich, dark foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame boxes in light sandy soil, in a sunny window, or it may be sown thinly in shallow drills in open ground. When the young plants are well started, they should be thinned or transplanted to stand twelve inches apart in the row.

Hybrida—Fine mixed; very good strain. Pkt., 5c; $\frac{1}{4}$ oz., 30c.

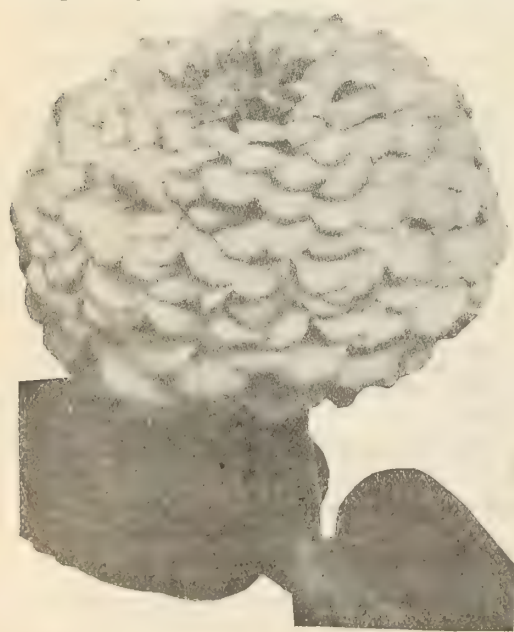
New Mammoth Verbenas—Of unusual size, embracing a wide range of colors. Pkt., 10c; 1-8 oz., 40c.

Mammoth—Large, pure white. Pkt., 10c.

Mammoth—Bright scarlet; good bedder. Pkt., 10c.

SWEET VIOLETS

Sow the seed in May, and when in flower in August and September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom and throughout the spring will give a profusion of flowers. **Blue, pkt., 5c.**



Zinnias—Giant Flowered Double.

SALVIA—Flowering Sage

Most gorgeous plants, with intensely vivid scarlet flowers; a bed of them surpass the finest scarlet geraniums in brilliancy and continuous bloom.

Splendens—Scarlet sage. Pkt., 10c; per oz., \$1.75.

Patens—The purest and brightest blue of all flowers. Pkt., 25c.

Clara Bedman (Bonfire)—(See cut)—This new large flowering Salvia forms handsome globular bushes about two feet high by two feet in diameter. Color brilliant, dazzling scarlet. Pkt., 20c; per oz., \$2.50.

SALVIA (Ball of Fire)—Of the many varieties now cultivated this is considered the best. It has larger flowers and is more free flowering than any other kind. The plants branch freely and are profuse bloomers, the side shoots producing from 4 to 6 flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. Pkt., 25c; per oz., \$4.00.

Lord Fauntleroy—Only 18 inches high, very compact, with flower spikes standing clear above the foliage. Fine for bedding in masses or for borders around beds of taller plants; fine for pots. The earliest of all. Per pkt., 25c.



STOCKS (Gilly Flowers)—The Ten Weeks' Stocks are generally cultivated and bloom for ten or twelve weeks after being sown; they grow from 6 to 8 inches high, bearing an immense quantity of bloom of delightful fragrance. **Mixed, pkt., 10c.**

VINCA—They flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter. **Rosea**—Rose, dark-eyed. Pkt., 10c. **Alba Pura**—pure white. Pkt., 10c.

THUNBERGIA (Black-Eyed Susan)—Four feet, beautiful climbers for hanging baskets and lawn vases, flowers trumpet-shaped; mixed colors. Pkt., 5c.

ZINNIAS

A very showy plant, with large double imbricated flowers, which might easily be mistaken for Dwarf Dahlias. Sow the seed thinly in drills early in the spring, transplanting the young plants when 2 or 3 inches high to stand from $1\frac{1}{2}$ to 2 feet apart; or two or three seeds may be planted in a slightly raised hill.

Giant Flowered Double Mixed—This is a mixture of the largest Zinnias yet obtained.

CHOICE SPRING BULBS

Amaryllis Johnsoni.



The Amaryllis is a window garden plant, producing under the simplest conditions, one, two or even three spikes two feet or more high, which are crowned with from three to six large trumpet-shaped blooms which last long in good condition.

A. Johnsoni—The flowers of this magnificent variety are large and of fine crimson color, striped with white. **Large bulbs, each, 40c; prepaid, 50c.**

Formosissima—Can be grown in water same as Chinese Narcissus. Blooms early. Deep crimson. **Each, 15c; postpaid, 20c.**

Belladonna—A fall blooming sort with beautiful shell pink flowers on stem 18 to 24 inches high. They are exceedingly fragrant and very free of bloom. **Each, 25c.**

Single Tuberous Begonias

The Tuberose Rooted Begonias are among the most beautiful and desirable of all bulbous plants. For bedding in quantity, and when planted in partial shade and protected from severe storms, will give great satisfaction. **Single, mixed, all colors, 7c each; 4 for 25c; dozen, 70c, postpaid.**

Caladium Esculentum

ELEPHANT EAR.

For obtaining tropical effects in lawn and garden planting, this beautiful plant takes a prominent place. Grows well in any garden soil, but should have plenty of water and good, rich soil to obtain best results. **Extra large bulbs, 40c each; \$4.00 per doz. First size bulbs, 25c each; \$2.50 per doz. Add 10c each for extra large, and 7c for first size, if to go by mail.**

Cannas

Price: Large, dry roots, 2 for 15c; doz., 75c. Postpaid, each 10c; doz., \$1.00. Growing plants, 10c each; doz., \$1.00. Postpaid, each, 15c; doz., \$1.50.

Burbank—Giant orchid flower of rich, sulphur yellow, inner petals dotted with rich red, an excellent variety, blooms early and continuously. Foliage green and very compact. Height 4½ feet.

Buttercup—Flowers pure buttercup yellow with fine dots of bright red on lower petals. This is one of the oldest and best of the standards; always in bloom. Foliage green. Height 4 feet.

Chas. Henderson—Flowers brilliant crimson scarlet with yellow flame in throat; one of the best for bedding, a profuse bloomer; the great trusses of blooms always command admiration. Foliage green, dwarf and compact. Height 3½ feet.

David Harum—Bronze foliage; flowers scarlet, dotted crimson, 3 to 3½ feet.

Duke of Marlborough—Deep crimson maroon; 4 feet.

Egandale—Flower deep currant red of a peculiar and pleasing shade; it is an early and constant bloomer; one of the best bedders grown. Foliage rich bronze red. Height 3½ feet.

Pennsylvania—Large orchid flowered, scarlet; overlaid with orange. 5 to 6 feet.



Florence Vaughan—Yellow with bright red spots; 4½ feet.

Gloxinia

GLOXINIA—New Giant Flowered Hybrids—We know of no bulbous plants that will give such universal satisfaction as the Gloxinia. They are of unrivaled beauty, the soft velvety leaves being surmounted with a cluster of large, lovely, trumpet-shaped flowers of exquisite coloring. They are of the easiest culture and bloom continuously for months. Plant the bulbs in a 5-inch pot in good, rich light soil, and give a partially shady situation. **Mixed colors, each, 10c; 3 for 25c.**

CHOICE SPRING BULBS—Continued

Dahlias

Especial attention is being given to the culture of these splendid fall bloomers. Coming as they do, after most other flowers are gone, their bright colors and cheery appearance lend a charm to the table or centerpiece. Everyone should have a few of these old-time flowers. Our stock has been selected with great care.

Set out three feet apart, after all danger of frost is over. The plants should be supported by tying to stakes.

If to go by mail, add 8c per bulb.



A. D. Livoni.

Show Dahlias

A. D. Livoni—Beautiful soft pink, with quilled petals. The standard pink for cutting. Each, 15c; per doz., \$1.50.

Storm King—Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer. A strong, vigorous grower of dwarf, branching habit, producing large, perfectly shaped flowers on long, stiff stems. Each, 25c; per doz., \$2.50.

Queen Victoria—Deep yellow, finely quilled. Each, 15c; per doz., \$1.50.

Jack Rose—Flowers large to very large; of perfect form, full high center, while the outer petals reflex. The flowers are produced on long, slender, erect stems in the greatest abundance and keep longer when cut than any other variety. Color of Jack Rose is that old favorite "Jack Rose" (General Jacqueminot) from which it received its name. The rich, velvety crimson cannot be found elsewhere. Each, 20c; doz., \$2.00.

Red Hussar—Richest, dazzling cardinal red. Strong, vigorous grower and free bloomer on long stems. The best red show for cutting. Each, 20c; doz., \$2.00.

Arabella—Color soft primrose, shaded and tipped deep rose. The flowers are large. Early, profuse and continuous bloomers. Each, 20c; doz., \$2.00.

Mrs. Dexter—Very large, of fine form. Color, rich salmon. Each, 25c; doz., \$2.50.

Snow—A large snow white Dahlia of fine form. Each, 25c; doz., \$2.50.



Cactus Dahlias.

Cactus Dahlias

Edith Groom—Pure white, large size, with twisted petals. Each, 35c; per doz., \$3.50.

Kriemhilde—Beautiful clear pink, tinting lighter toward the center. Each, 25c; per doz., \$2.50.

Earl of Pembroke—Rich velvety plum. Each, 20c; doz., \$2.00.

Burbank—Vivid vermillion scarlet. Each, 25c; doz., \$2.50.

Ambassador—Pure white; medium size. Each, 25c; doz., \$2.50.

Decorative Dahlias

Admiral Dewey—Brilliant, imperial purple. Each, 20c; doz., \$2.00.

William Agnew—Finest red ever introduced; immense size. Each, 20c; per doz., \$2.00.

Clifford W. Bruton—The best yellow. Immense size, perfect form. Finest canary yellow. Each, 20c; doz., \$2.00.

Henry Patrick—Large, pure white; long stems. Each, 25c; doz., \$2.50.

Lyndhurst—One of the best bright scarlets; invaluable for cutting. Each, 15c; per doz., \$1.50.

Nymphaea—The most delicately beautiful of the entire collection. Color clear, light shrimp, pink, tinting lighter toward the center. Each, 20c; doz., \$2.00.

Sylvia—The color is deep pink, tinting lighter until it is almost pure white at the center. Large in size, perfect form, and produced in the greatest profusion, on long stiff stems. Each, 20c; doz., \$2.00.

Gladioli

This class of summer flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut flowers. Gladiolus flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladioli if properly worked in preparation, and exposed to the benefit of full sunlight.

These mixtures will be found to contain flowers equal to finest named kinds, and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. The scarlets produce many shades of red and variations. This is also the case with the whites, which vary to light pink and lemon-tinted. Our mixtures contain all full-sized bulbs only; not bulblets. Plant in April and May, about 3 inches deep.

	Each	Doz.	100
Reds of various shades	\$0.05	\$0.25	\$1.50
Light and white .....	.05	.45	2.50
Pink of various shades .....	.05	.45	2.50
Striped and variegated .....	.05	.50	3.00
Yellow shades .....	.06	.65	4.50
Mixed, all colors .....	.05	.25	1.75

If to go by mail add 10c per doz. for postage.

Tuberose

Excelsior Pearl—Very sturdy and dwarf in habit; flower large and double. Each, 5c; doz., 35c; by mail, 45c doz.; per 100, \$2.00, not prepaid.

SUMMER FLOWERING OXALIS—These useful little plants are very effective in masses or beds, and are particularly valuable for edging. They produce an unbroken row of foliage and showy flowers. Mixed, per doz., 10c.

MADERIA VINE—Tuberous rooted climber, with glossy green leaves and delightfully fragrant white blossoms; of very rapid growth. 2 for 5c; doz., 30c; postpaid, doz., 35c.

Cinnamon Vine

From the Oriental land, is one of the most charming climbers, and will quickly surround your arbor, window or veranda with a wonderful profusion of vines, covered with handsome, glossy, heart shaped leaves and sweet-scented flowers, making it a perfect bower of beauty. Ea., 10c; 3 for 25c.

Lillies

The Lily, with eminent propriety, has been styled the "Queen of Flowers," and no flower is more expressive of the idea of queenly beauty and faultless purity than the lily. Their culture is simple, and with little care success is certain. They should be planted in the spring as soon as frost is out of the ground; in a well-drained spot, dig the soil deep, enrich it well, adding a liberal supply of sand. Set bulbs 4 to 6 inches deep. A bed once established should not be disturbed oftener than once in four or five years.

Auratum—The glorious gold banded Lily of Japan, and one of the grandest plants in cultivation. Its immense, ivory flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a gold band, fading at the edges into white. Each, 25c; 2 for 45c; doz., \$2.50.

Speciosum Album—Pure white flowers, with a greenish band through the center of each petal; they are of great substance and very fragrant. Each, 20c; 2 for 35c; doz., \$2.00.

Speciosum Rubrum—White, shaded and spotted with rose or crimson. Each, 20c; 2 for 35c; doz., \$2.00.

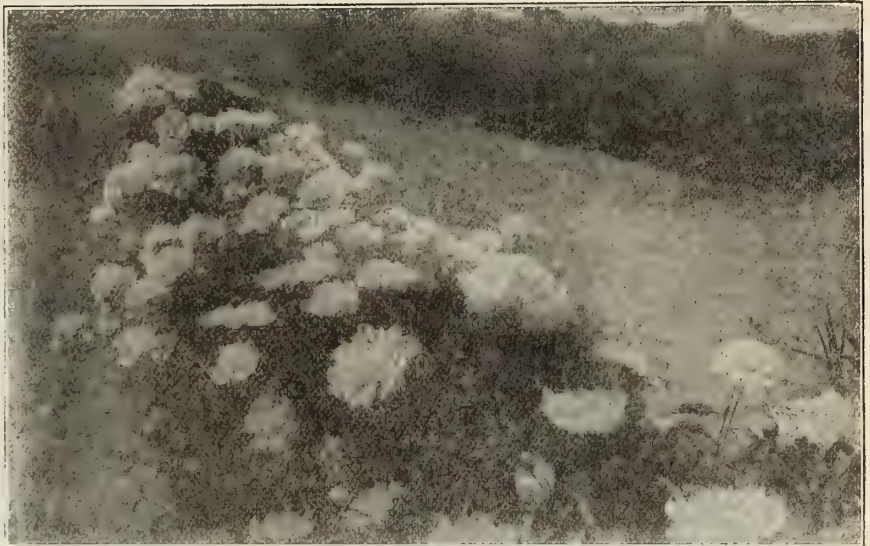
Trigium fl. pl. (Double Tiger Lily)—Very hardy and free blooming, with beautiful orange flowers, spotted with black. Each, 15c; postpaid, 20c.

Harnden's Collection of Choice Paeonies

Harnden's Collection of Choice Paeonies, Old Fashioned, but Still Popular—Valuable for massing in beds or planting in groups. Can be produced in any good rich soil. Grow best in sunny positions but thrive almost equally as well in shaded places. Once planted will last a life time. Perfectly hardy, require no protection whatever, and are not troubled with insect pests or disease of any kind.

Our collection comprises the choicest varieties which have been grown for us in Holland. Each, 35c; by mail add 10c per bulb; \$3.50 per dozen by express, not prepaid, except where otherwise noted.

Carnea Elegans—Bright pink.



Duchess de Orleans—Large and compact, guard petals, closely overlapping center; rosy, lake, with incurving salmon center.

Festiva Maxima—Very large pure white inner petals, slightly striped carmine; borne on long stiff stems. One of the most popular Paeonies grown.

Fragrance—Bright purplish crimson or dark rose; one among the best for cut flowers.

La Esperance—Dark rose.

Madonna—Pink rose.

Officinalis Rubra—This is the old fashioned red, the most brilliant of all red Paeonies. Early and splendid cut flower.

Princess Mathilde—Delicate pink; high, full center.

Purpurea—Dark purple.

Queen Victoria—Best early white.

Rosea Elegans—Outside petals rose, center creamy white, suffused with rose.

Rosea Magna—Beautiful clear pink of large size.

Rubra—Dark crimson.

Rosea Superb—Fine silvery rose, large size.

HARDY PERENNIAL PLANTS

These plants live through our winters with little protection. When once planted always stay.

AQUILEGIA (Columbine)—A beautiful plant for the border or rocky; flowers often three inches in diameter; height of plant two feet. **Large field clumps, each, 20c; doz., \$2.20.**

Caemlea—The dainty "Rocky Mountain Columbine," blue and white. **Each, 20c; doz., \$2.20.**

COREOPSIS LANCEOLATA—Flowers bright golden yellow, blooming from June until frost; height 1½ feet. **Each, 15c per doz., \$1.50.**

DIGITALIS (Fox Glove)—An old fashioned plant that furnishes a grand display of thimble shaped flowers in immense spikes during July and August. Assorted. **Each, 20c; per doz., \$2.20.**

DIELYTRA (Bleeding Heart)—One of the most beautiful hardy border plants. Flowers in early spring, with rose-colored heart-shaped flowers on under side of stem. Perfectly hardy. **Each, 35c.**

DELPHINUM FORMOSUM (Larkspur)—The best known of all the Larkspurs, blooming in long trusses of deep blue flowers, with white eyes. **Each, 20c; doz., \$2.00.**

FUNKIA (Day Lilie)—Broad leaves. Flowers large, waxy white, borne in large trusses. Very fragrant. **Each, 15c; per doz., \$1.50.**

GAILLARDIA GRANDIFLORA COMPACTA—Is a very satisfactory hardy plant; begins to bloom in early summer and blooms until frost; brownish red center; petals shaded into rings of orange, crimson and red. Long stems, fine for cutting; perfectly hardy. **Each, 15c; per doz., \$1.50.**

HOLLYHOCKS—An old-fashioned plant, coming into general use again. For planting in masses, by itself, or as a background. White, pink, red and yellow. **Each, 15c; doz., \$1.50.**

GERMAN IRIS—Each, 10c; doz., \$1.00.



Hardy Phlox.

Papaver—Perennial Poppy

Oriente—A charming species, producing numerous stout leafy stems, 2½ feet high, with immense deep red flowers, having a black blotch at the base of each petal. **Each, 25c, doz., \$2.50.**

HARDY PHLOX—Thrive in any ordinary rich soil, the ease with which they are cultivated, their entire hardiness, and the extended season of blooming make them particularly valuable for garden planting. To prolong the season of blooming, the flowers should be cut off when they commence to wilt down. **Field-grown clumps in separate colors, each, 20c; doz., \$2.00.**

Atlas—Deep clear salmon.

Henry Munger—White, deep carmine center.

Miss Lingard—Pearly white, light pink center.

Peachblow—Peachblow pink.

Richard Wallace—Pure white, violet rose center.

Coquelicot—Bright red.

Independence—Pure white.

Niobe—Violet red.

Patheon—Bright pink.

R. P. Struthers—Cherry red, deep red center.

FLATYCODON GRANDIFLORA (Japanese Bell Flower)—Blooms constantly from June until late in September; flowers large, bell shaped, white and blue; perfectly hardy; three feet high. **Each, 15c; doz., \$1.50.**

PINKS (Hardy Garden or May)—Valuable dwarf hardy plants that will grow anywhere, and increase in beauty every year; field grown clumps. **Each, 15c; doz., \$1.50.**

RUDBECKIA (Golden Glow)—Decidedly one of the brightest and most showy among the hardy plants. It grows five to seven feet tall, with broad heads of yellow flowers, two and three inches in diameter; increases in beauty every year; strong field roots. **Each, 15c; doz., \$1.50.**

TRITOMA PFITZERI—An improved type of more perfect form, and showing a marked predominance of scarlet, the opened lower petals merely being rimmed with orange. **Each, 20c; per doz., \$2.00.**

SWEET VIOLET PLANTS—Hardy. Field grown. **Clump, 15c.**

**Don't Fail to Note
Carefully
Our List of Hardy Roses
on Page 37**

We Have Catalogued all the Varieties
of Seeds Usually
Demanded. If there is any Seed or Article You
Want, and it is in our line, write us for Prices.

HARDY ROSES FOR OUTDOOR PLANTING

Hybrid Perpetual Roses are the most valuable roses for outdoor planting wherever a permanent bed is desired. They are perfectly hardy and will stand the most severe winters, and when once established they improve in beauty every year. They will do well almost anywhere, but delight in deep, rich soil. A mulching of straw or leaves will greatly benefit them if applied in the fall and allowed to remain until spring. Our collection contains the choicest of the new and old varieties; two-year-old, outdoor grown, dormant plants. **Price, unless otherwise noted, 35c each; 3 for \$1.00; \$3.50 per doz., not prepaid; by mail, add 7c per plant.**

American Beauty—The largest, sweetest and best of all hardy roses; a genuine hardy ever-blooming rose; color rich crimson; its fragrance is wonderfully sweet. **Each, 50c; 3 for \$1.35; per doz., \$5.00.**

White American Beauty—A counterpart of the Red American Beauty, except in color; perfectly hardy everywhere; pure paper white, with bright, heavy foliage and strong upright growth. The bloom is perfect in form, on fine long stems. **Each, 50c; 3 for \$1.35; per doz., \$5.00.**

Baron de Bonstetten—Still the leading dark rose. A splendid shade of dark red, changing to velvety maroon. It blooms very freely and makes a fine shaped bush.

Coquette des Alps—Large, full, finely formed flower; color white, sometimes faintly tinged with pale blush; profuse bloomer.

Conrad F. Meyer—An early flowering Hybrid with large cup-shaped flowers of a beautiful silvery pink.

General Jaqueminot—Rich velvet crimson, changing to scarlet crimson. A magnificent rose and well known.



General Washington—Color bright shining crimson; flowers large and perfectly double; blooms the first season and almost constantly.

John Hopper—One of the most popular of the hardy perpetuals; flowers large and full; color, brilliant rose, changing to pink, shaded with crimson; sweet and a profuse bloomer.

Hugh Dickson—Magnificent crimson, shaded with scarlet. Flowers very large, of perfect shape, and fully double.

Marshal P. Wilder—A rose of unusual excellence; flowers large, color bright cherry red, changing to crimson.

Magna Charta—Bright pink, suffused with crimson, strong upright growth and healthy foliage.

Mrs. John Laing—A splendid hardy perpetual. Immense flowers, full and double; bloom on long, stiff stems in great profusion, and exceedingly sweet; buds long and pointed; color bright, shining pink, exquisitely shaded.

Mad. Gabriel Luizet—Pink or coral-rose, large and very double, of good form and substance. A very splendid variety, full cupped and very sweet.

Paul Neyron—The largest flowered in cultivation and one of the most prolific bloomers; color, deep, clear rose, very fresh and attractive. The plant is an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, and each shoot tipped with an immense flower, often 5 inches in diameter.

Prince Camille de Rohan—Very dark crimson, changing to intense maroon.

Soliel d'Or (Golden Sun)—A new hardy yellow rose, thoroughly distinct in habit of growth; color a blending of reddish gold, orange, yellow nasturtium, red and pink, not found in any other rose, from which it derives its name, "Golden Sun." A strong, robust flower; petals well incurved, forming double flowers. The colors of this rose are not found in any other flower. **Each, 50c; 3 for \$1.35; per doz., \$5.00.**

Ulrich Brunner—Known to all planters as one of the best flowers, very large, rich, globular; color rich crimson, flamed with scarlet; hardy, fragrant and a free bloomer.



Collection of Ever-Blooming Hardy Tea Roses



MOSS ROSES.

No rose garden is complete without the Moss Rose. They are as hardy as any rose can be and are vigorous growers and are much admired on account of their beautiful buds, which are covered with a moss-like covering. They bloom but once a year, but the flowers are large, beautiful and plentiful. Strong field-grown plants. Price, each, 40c; 2 for 75c; not prepaid.

Blanche Moreau—Large, fully flowered, creamy white, tinged with rosy blush; fragrant and beautiful, fully mossed.

Chapeau de Napoleon—Bright rich red, large and beautifully mossed.

Crested Moss—Rosy red.

Salet Moss—One of the very best. Beautiful light rose; medium size; flat form and very free bloomer.

ROSE TREES.

Rose trees are grafted on hardy rose stocks; are tree-shaped and when in bloom are objects of beauty; very handsome plants for the lawn or rose border. We offer these in different colors. Crimson Rambler, Ever-blooming Tree Roses. Each, 75c; 3 for \$2.00; per doz., \$7.00.

American Beauty—Each \$1.00.

Baby Rambler Tree Roses—An attractive novelty in hardy roses, the most striking of all tree roses. Each, \$1.00.

Red and White on same stem—Each, \$1.25.

These are sent by express or freight only, not prepaid.

Clothilde Soupert—A most satisfactory pot and bedding rose. Its charming coloring, shading from pearly white to purest rose; double blossoms; delightful fragrance. Each, 50c; per doz., \$5.00.

Mamam Cochet White—Snow white, sometimes tinged with the faintest pink. Hardy with but slight protection. Each, 50c; per doz., \$5.00.

Mamam Cochet, Pink—A valuable pink bedding variety with rich healthy foliage and large flowers on long straight stems; deep rosy pink. Each, 50c; per doz., \$5.00.

Killarney (The New Hardy Everblooming Irish Hybrid Rose)—A native of the north of Ireland. Strong upright bush, with beautiful deep bronze-green foliage; free flowering, bearing its massive flowers on long stiff stems. In color, exquisite shade of deep, brilliant shell pink. Delightful tea fragrance, a continuous bloomer, two years old. Each, 35c; 3 for \$1.00.

Kaiserin Augusta Victoria—As hardy as any of the Hybrid Tea Roses, and blooms from early spring until late frosts, fully as free blooming as any Tea Rose. Color, delicate creamy white, large, full double flowers and very fragrant. Two years old. Each, 35c; 3 for \$1.00, not prepaid.

Etoile de France (Star of France)—A magnificent new rose. Healthy, hardy grower and abundant bloomer, buds pointed. Flowers, large, double, $3\frac{1}{2}$ to $4\frac{1}{2}$ inches in diameter, particularly valuable for planting in the open ground. Flowers clear red, or crimson velvet, brightening in the center; exquisitely fragrant. Two-year-old hardy plant. Each, 50c; 3 for \$1.35.

Grus an Teplitz—One of the brightest colored roses grown, when first opened it is dark rich crimson, changing to bright scarlet, shading to fiery red; blooms continually. Two-year-old hardy plants. Each, 40c; 3 for \$1.10.

Souv. de Pres. Carnot—This flower is large, exquisite shape; delicate rosy flesh, shade deeper at the center. Each, 35c; per doz., \$3.50.

Perle des Jardins—Beautiful clear yellow; distinct from all other tea roses. Two years old. Each, 35c; per doz., \$3.50.

La France—The most perfect type of a cut flower rose; delicate silvery rose, shaded with pink flowers continually throughout the season. Each, 35c; 3 for \$1.00; per doz., \$3.50.

Hermosa—Always in bloom, and always beautiful, the color is a most pleasing shade of pink. Each, 40c; 3 for \$1.10; per doz., \$4.00.

GENERAL COLLECTION OF HARDY ROSES

All Large, Two-Year-Old Field - Grown Roses

THE BLUE RAMBLER ROSE (New)

Vailchenblau or *Violet Blue* is the proper name. This Rose first opens pink, but quickly changes to Violet Blue; some describe it as a steel blue. The blossoms, massed in large umbels, are semi-double, of medium size. The plant is vigorous in growth, with shining green foliage. Each, 75c; per doz., \$7.50. Strong field grown.



Baby Rambler.

BABY RAMBLER.

A dwarf form of *Crimson Rambler*, blooming out of doors throughout the entire season until frost. Blooms in clusters of 25 to 40 flowers at one time. One of the very best for bedding, and may be grown in pots just as easily as any of the old-time pot plant varieties. With ordinary care will grow and bloom from one year's end to another. Strong two-year-old plants, 50c; \$5.00 per doz., not prepaid.

EVERBLOOMING CRIMSON RAMBLER (Flower of Fairfield)—A sport from the famous *Crimson Ramblers*,

same climbing habits and hardiness. Has immense trusses of bloom similar in color, but more brilliant and lasting. It blooms profusely on the young wood in its first year. It starts blooming in early spring and continues to bloom until late in the autumn. It is rightly termed perpetual bloomer. Each, 75c; 3 for \$2.00; per doz., \$7.50.

CLIMBING ROSES.

Most desirable for covering trellises, walls or porches, as they are vigorous growers and succeed almost anywhere when once planted.

Each, 50c; 3 for \$1.25, not prepaid. Doz., \$5.00.

Prairie Queen—An old standard variety. No collection of hardy climbing roses is complete without it. Bright rosy red, large, compact and globular flower; very vigorous in growth.

Dorothy Perkins—Properly classed as a climbing rose; sweet scented, hardy and vigorous; a profuse bloomer; flowers double; bloom in clusters of from six to ten, with crinkled petals, buds pointed. Color a beautiful shell pink, lasting a long time without fading.

EVERBLOOMING CLIMBING ROSES.

Climbing L. France—A distinct climbing form of the pink *La France*. Each, 40c; 3 for \$1.10.

Marechal Neil—The old climbing yellow rose, as popular as ever. Each, 50c; doz., \$5.00.

RAMBLER ROSES.

We offer to our customers this year four popular Ramblers: *Crimson*, *Yellow*, *Pink* and *White*.

Prices. Large, two-year-old dormant plants, field grown, by express, not prepaid—40c each, 3 for \$1.10; per doz., \$4.00.

Crimson Rambler—The *Crimson Rambler* is the most popular of the Rambler varieties. It begins to flower about the middle of June and remains in flower longer than any other hardy out-door rose. It blooms in large cluster, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. It is vigorous in growth, often making shoots 10 to 12 feet long in one season. May be grown in any position. Pegged down to the ground in beds, trained to porch pillars, the side of a building, or on trellises.

Yellow Rambler—The one yellow hardy climbing rose, and beautiful when in bloom, whether planted by itself or grouped with other Ramblers. Flowers yellow, borne in clusters.

Pink Rambler—Resembles the *Crimson Rambler* in every respect except color, which is a clear pink, often changing to a creamy white when fully matured.

White Rambler—A worthy companion for the other Ramblers. Same in habit of growth, form and flowers. Perfectly hardy; flowers borne in good-sized clusters. The pearly white flowers contrast nicely with those of the *Crimson Rambler*, and makes a beautiful display when planted together. Flowers are quite fragrant and last a long time after being cut.

HARDY ORNAMENTAL SHRUBS



Hydrangea Paniculata Grandiflora.

All shrubs offered below are two or more years old, transplanted. Prices are f. o. b. at express office, Kansas City, Mo., but not prepaid.

ALMOND—Very desirable for early flowering shrubs. White and rose. Each, 45c.

ALTHEA (Rose of Sharon)—Produces its large Camelia-like flowers from mid-summer until frost, when few other shrubs are in bloom. White, pink, red and purple. Each, 45c.

BARBERRY (Thunbergiana)—Dwarf, neat, and dense of growth, yet graceful because of its drooping branches. Yellow flowers are followed by vivid scarlet fruits, the foliage changing in fall to scarlet and gold.

CYDONIA JAPONICA (Japanese Quince)—An old esteemed variety, having a profusion of bright coral red flowers; early in spring; very desirable for hedge. Each, 50c.

CALYCANTHUS (Sweet Scented or Allspice)—A handsome shrub; flowers purple, with an exquisite flower and wood fragrance. Each, 45c.

DEUTZIA (Pride of Rochester)—Early spring flowering shrub, with long, graceful spikes of white flowers from every bud or eye; handsome lawn shrub. 50c each.

DESMODIUM—A nice shrub; flowers in September; has sweet-pea shaped flowers; rose and white. 50c each.

FORSYTHIA (Suspensa)—Graceful drooping plant, with bright yellow flowers. Each, 50c.

TREE-SHAPED HYDRANGEAS—These are fine tree-shaped plants three or four years old, with about 3 feet of straight stem; nicely shaped heads. Each, 75c.

HYDRANGEA PANICULATA GRANDIFLORA—Blooms profusely from July until frost, in immense white panicles, often measuring 10 to 12 inches, gradually changing to rose color. Large plants, each, 50c.

LILAC (Persian)—Purple and white. Each, 45c.

PHILADELPHUS (Mock Orange)—Vigorous growing shrubs, with fine pure white flowers, and bright, handsome foliage. Each, 50c.

PLICATUM (Japan Snow-ball)—Used extensively for decorating. Flowers pure white, large balls frequently borne in clusters of five or six. Each, 50c.

RHODODENDRONS—Are most effective. They will grow in any good soil, but do better in a sheltered location where the soil is deep and well drained. Leaves make the best winter protection. Their summer blooming can be compared only to the Magnolia. In winter the great leathery leaves form rich banks of green. Blooms May and June. Large, well budded plants, each, \$2.00.

WEIGELA—Beautiful shrubs, bloom June and July; very desirable for border or grouping. Double white and double pink. 50c each.

SPIREA VAN HOUTTEI—One of the most beautiful of all shrubs; pure snow white flowers, borne in elegant plume-shaped clusters. Large plants, each 45c.

THUNBERGII (Thunberg's Spirea)—A very pretty white flowering variety, with narrow linear leaves; valuable for forcing; one of the first to flower. Each, 45c.

PRUNIFOLIA (Bridal Wreath)—Equally pretty like above; blooms in May, with pure white double flowers. Each, 45c.

ANTHONY WATERER—A dwarf bush about two feet high, covered from spring to late in the fall with large heads of crimson flowers; grand for border to taller growing shrubs. Fine plants, each, 45c.

HEDGE PLANTS.

CALIFORNIA PRIVET (Ovalifolium)—The great hedging plant, conceded the best plant for hedging purposes. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. Foliage dark green, very glossy and wax-like; hardy everywhere. Better than Boxwood. Large plants: One year old—10c each, 25 for \$2.00; \$5.00 per 100. Two years old—15c each, 25 for \$3.00; \$8.00 per 100.

BOX WOOD PLANTS—These are used extensively for lawn and porch decorations. Standards, each, \$2.00; Pyramidal, each, \$2.00; Bush, each, \$1.50.

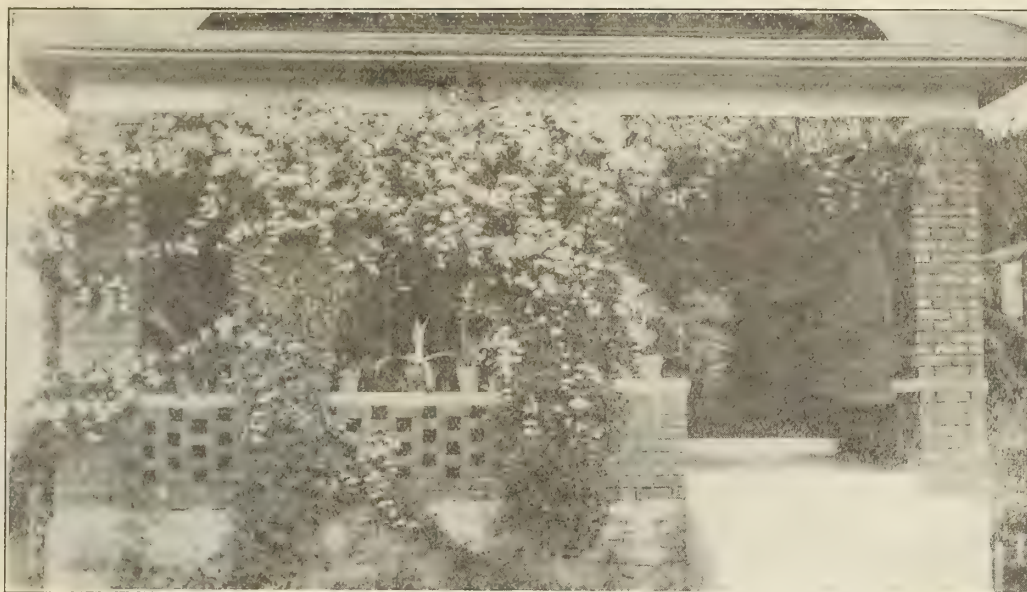
BALL FORM—Each, \$2.50.

MAGNOLIA—Handsome beyond description. Their great, white, pink and purple cups open in great profusion before the leaves of other trees appear; leaves tropical in size and appearance. One of the most beautiful species of flowering trees. Should be planted in the spring. Each, \$2.50.

Remember these are not mailing size. Large trees.

BLUE SPRUCE—A rare elegant tree with foliage of a rich blue. One of the most distinct and striking of all the Spruce family. Perfectly hardy. Each, \$2.50.

HARDY ORNAMENTAL CLIMBING VINES



Clematis Paniculata.

CLEMATIS.

For house fronts or pillar vines, nothing can surpass the Clematis in grandeur and in beauty.

The roots are perfectly hardy, although the tops die down to the ground every fall. In planting the roots the ground should be dug very deep.

The roots we offer are all three years old.

Jackmanni—Probably the most beautiful climber in cultivation, with rich, deep, velvety purple flowers. **Three-year-old roots, each, 75c; postpaid, 90c.**

Gypsy Queen—One of the finest; a strong grower, free bloomer, blossom purple with red tinge. **Each, 75c; postpaid, 90c.**

Coccinea—Rich, scarlet, tubular flowers. **Each, 75c.**

Henryi—A strong grower; flowers from 4 to 5 inches in diameter and pure white. **Three-year-old roots, each, 65c; postpaid, 80c.**

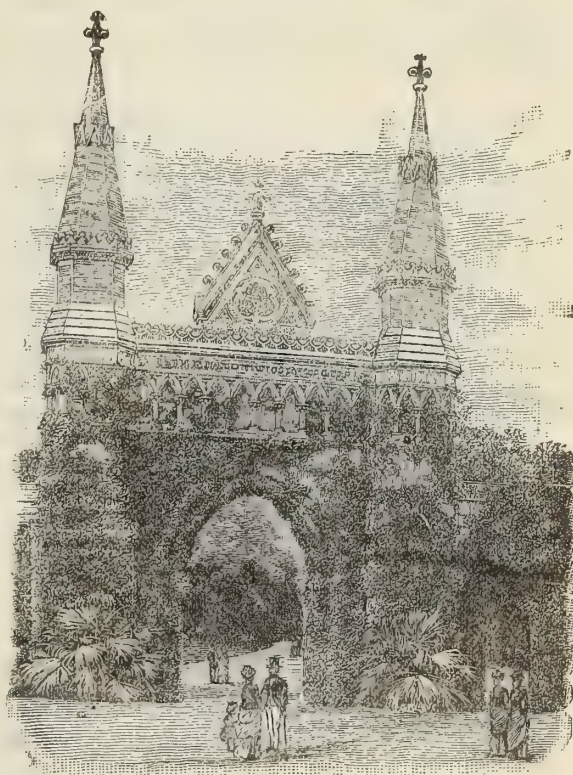
Paniculata—This is a valuable Japanese introduction, one of the finest additions to our list of hardy climbers; a very strong vigorous plant and as easily grown as the common. **Each, 35c; postpaid, 40c.**

One each of five varieties of Clematis, \$2.50, not prepaid.

Bignonia Grandiflora (Trumpet Vine)—Clings to bark or walls. Fern-like foliage, orange scarlet; trumpet-shaped flowers. **Price, 25c each.**

Chinese Kudzu Vine (Jack and the Bean Stalk Vine)—A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old or dead trees. Its large, bright green leaves afford a dense shade. It is hardy and will last for many years. **Each, 35c.**

AMPELOPSIS VEITCHII (Boston Ivy)—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage. **25c each, 3 for 60c, not prepaid.**



Ampelopsis Veitchii (Boston Ivy)

HONEYSUCKLE.

Halleana—White, sweet scented. **35c each, 3 for \$1.00.**

Monthly Fragrant—Red and yellow, very fragrant; blooms all summer. Leaves tinged with reddish color. **25c each, 3 for \$1.00.**

WISTARIA—Beautiful climber of rapid growth, producing long pendulous clusters of pale purple flowers. Is very hardy. **Price, each, 50c.**

BLACKBERRIES

Early Harvest—One of the most valuable where earliness is sought, being one of the first to ripen. Good shipping qualities; compact dwarf grower, enormous bearer; fruits medium size, black and of excellent quality. Price, per 100, \$1.25; per 500, \$6.00; per 1,000, \$10.50; by express, not prepaid.

Snyder—Extremely hardy, enormously productive,

medium size; no hard, sour core; only half as many thorns as a Lawton or Kittatinny; most prolific blackberry grown. Price same as **Early Harvest**.

Taylor—Berries of fine flavor; larger than Snyder. Canes of vigorous growth, iron-clad hardness and wonderfully prolific; ripens late. 10c each; dozen, 75c; 50, \$2.25; 100, \$4.00.

RASPBERRIES

Kansas (Blackcap)—Best home and market berry. Price, doz., 50c; \$1.25 per 100; per 500, \$4.50; per 1,000, \$8.00; by express, not prepaid.

Cumberland—The largest of all blackcaps. A healthy, vigorous grower, throwing up stout, stocky, well-branched canes that produce immense crops of magnificent berries. Fruit very large, firm; quality about same as Gregg; keeps and ships as well as any of the blacks. Each, 10c; doz., 75c; 50, \$2.25; 100, \$4.00.

Gregg—The leading late blackcap; fruit large, meaty and of fine flavor. Dozen, 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.

Haymaker—The Haymaker is a purple cap; fruit large, solid, a fine keeper. Dozen, 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.

Cuthbert, or Queen of the Market (Red)—A remarkably strong and hardy variety; very large, rich crimson. Dozen, 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.

Miller (Red)—Extremely hardy, very productive; one of the earliest to ripen; attractive color. Doz., 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.

Loudon (Red)—Berries large, good color; excellent quality; very productive. Dozen, 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.



STRAWBERRIES

Culture—To produce large fruit, keep in hills, pinch-in runners as soon as they appear. In the winter, a covering of straw or leaves will protect the plants. Do not cover them, however, until the ground is frozen and then not so deep as to smother them. Remove covering before growth starts in the spring. Plant in rows, 3 to 3½ feet apart, 15 to 18 inches in a row. Dip plants in water as soon as received, and bury the roots in moist, shady ground until you are ready to set them out; neglect for an hour or so is often fatal.

Price: 25 for 50c; \$1.25 per 100, prepaid. Not prepaid, 75c per 100; per 500, \$3.25; per 1,000, \$6.00; per 5,000, \$5.50; per 1,000. These to come by express. Do not ask us to ship by freight. Delivered at express office, Kansas City, Mo.

Brandywine—A large, handsome and productive berry of excellent quality; dark, glossy red; extra good sort for all purposes.

Bubach—A leading market sort, more of this variety being used than any other; large and uniform in size, fine form and color.

Senator Dunlap—Fruit good size; regular form. Beautiful bright red, glossy, firm; splendid keeper and shipper; excellent quality; ripens early and continues a long time.

Captain Jack—A most vigorous grower, healthy and productive, berries large, handsome and solid.

Gandy—A reliable late variety; berries bright crimson, very uniform in size and shape; large and firm; plants vigorous and healthy.

Warfield—A reliable market sort; good flavor; vigorous and productive; very early.

We can also supply the following standard sorts: **Aroma, Excelsior, Crescent, Monitor and Windsor Chief.**



GOOSEBERRIES

Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit.

Downing—Large, handsome, pale green and of a splendid quality for both cooking and table use; bush a vig-

orous grower and usually free from mildew. 15c each; \$1.50 per dozen; 50, \$5.00.

Houghton's—Small to medium; round, oval; pale red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. 10c each; \$1.00 per dozen; 50, \$4.00; 100, \$7.00.

FRUIT TREES

Strong, stocky trees, packed and shipped by freight or express, delivered f. o. b. cars, Kansas City, Mo., or express office, not prepaid.

SUMMER APPLES—2 YEARS OLD, EACH 50c.

Early Harvest—Medium to large; round; bright straw color; flesh white, tender, juicy, crisp, with rich flavor, July.

Cooper's Early White—Very large, round, pale yellow, with faint blush; flesh white, crisp. August 1.

Carolina (Red June)—Medium size; red; flesh white, tender, juicy; an abundant bearer. Last of June.

AUTUMN APPLES—2 YEARS OLD, EACH 50c.

Maiden's Blush—Large, regular, smooth, with fine, evenly shaded red cheek or blush on a clear yellow ground; flesh white. August and September.

Rambo—Medium; yellowish, streaked with dull red; mild, tender, productive. September to November.

WINTER APPLES—EACH 50c.

Grimes Golden—Medium to large size; yellow; vigorous and productive.

Gano—Fruit bright red, on yellow ground; no stripes; large, oblong, surface smooth; prolific bearer.

Huntsman's Favorite—Very large, golden yellow, with bright red cheek; nearly sweet; fine flavor.

Johnathan—Fruit medium; round; skin yellow, nearly covered with dark red; fine grained, very tender and finely flavored.

Winesap—Medium; dark red, sub-acid; abundant bearer; a favorite market variety.

CRAB APPLES—EACH 50c.

Hyslop—Almost as large and as early as the Strawberry apple; deep crimson.

Large Red Siberian Crab—About an inch in diameter; yellow, scarlet cheek; bears young.

PEACHES—4 TO 6 FEET, EACH 50c.

Alexander Early (Cling)—Good quality, fine flavor; very early.

Champion (Freestone)—Very hardy; matures about August 15th.

Elberta (Freestone)—Finest yellow freestone in cultivation; family favorite; last of July.

Mountain Rose—July.

Old Mixon (Cling)—Pale yellow; August.

Old Mixon (Freestone)—Pale yellow; August.

Crawford's Early—Fruit large, oblong, yellow with red cheek; flesh yellow, juicy, sweet, excellent, free; last of July.

PEARS—2 YEARS OLD, EACH 50c.

Wilder's Early—Medium size; greenish yellow.

Duchess d'Angouleme—Very large; greenish yellow; a general favorite; September and October.

Kieffer's Hybrid—Valuable for table and market. September and October.

Bartlett—Large size; very juicy and highly flavored; bears early and abundantly.

Seckel—Small; skin rich yellowish brown when ripe, with a dull red cheek; flesh very fine grained, sweet and juicy. August and September.

PLUMS—2 YEARS OLD, EACH 50c.

Pottawattamie—Very hardy; an immense bearer; fruit yellow, overspread with bright pink; July.

Wild Goose—Rich Crimson; July.

Damson—Fruit small, oval; skin purple, flesh melting and juicy, rather tart. September.

CHERRIES—2 YEARS OLD, EACH 50c.

English Morello—Medium to large; blackish red; July.

Early Richmond—Medium size; dark red; June.

Large Montmorency—Large, red cherry; July.

GRAPES.

Campbell's Early—One year old, 15c; six for 75c; \$1.50 per dozen. Two-year-old, 25c; six for \$1.25; \$2.50 per dozen.

Concord—One year old, 8c; 6 for 45c; 75c per dozen. Two-year-old, 15c; 6 for 50c; \$1.00 per dozen.

Moore's Early—One year old, 10c; 6 for 50c; \$1.00 per dozen. Two-year-old, 15c; 6 for 75c; \$1.50 per dozen.

Niagara—One of the very best white grapes grown, sweet, delicious flavor; vigorous and productive. One year old, 15c each; 6 for 75c; \$1.25 per dozen.

Catawba (Red Grape)—Skin dark red when ripe; sweet, rich flavor; very productive. One year old, 15c each; 6 for 75c; \$1.25 per dozen.

CURRANTS—2 YEARS OLD.

Good two-year-old strong plants, 15c each; \$1.25 per dozen; \$5.00 per 100.

Large Cherry—The largest of all the red currants; berries sometimes measure half an inch in diameter; bushes are short; very vigorous; the kind to plant in the city.

HARNDEN'S EVERGREEN GRASS MIXTURE.

We sell only the best grade—the other kind doesn't pay. Sow the best—it's the cheapest. Prices as follows: One pound, 35 cents; three pounds, \$1.00; bushel, \$4.00. If to go by mail add one-half cent per ounce.

WE HAVE CATALOGUED

all the varieties of Seeds usually Demanded. If there is any Seed or Article you want and it is not in our line, write us for Prices.

SELECTED FIELD CORN

Seed corn this season is going to be very scarce and hard to get. We have secured a limited quantity of the varieties listed which will all be thoroughly tested and graded before being sent out.

We advise our customers to make their orders for corn early while stocks are still on hand, as many varieties will be sold out and will be unable to obtain it after the first rush of the seed corn trade begins.

All of our corn is grown by professional seed growers, tipped, shelled and tested. Graded corn is that which is put over a grader and which takes out all uneven grains. If you want the best order the graded corn and it will please you.

For graded corn add 15c per peck and 50c per bushel over the prices quoted below.

(If to go by Mail, add 15c per quart for Postage.)

Harnden's White Perfection—Matures in 90 days. Kernels long, narrow and closely packed on a small cob. Rounds out well at the top of the ear. 1 qt., 15c; pk., 60c; bu., \$2.00.

King of the Earlys—(85 days.) The earliest Dent variety, ripening in 85 days. Stalks small with broad leaves. Ears short, twelve to sixteen rows, well filled. Grain long, yellow, making an extra quality of meal. $\frac{1}{4}$ bu., 60c; bu. \$1.75.

Pride of the North—(90 Days.) The earliest corn grown, a 90-day Yellow Dent. Planted as late as July 4 it has fully matured by October 1. Quart, 10c; $\frac{1}{4}$ bu., 50c; 1 bu., \$1.50.

Leaming—(90 days.) One of the earliest yellow Dent corns in cultivation. The ears are of good size and handsome, with deep, large grains; stalks medium size, generally producing two good ears each. Quart, 10c; $\frac{1}{4}$ bu., 50c; bu., \$1.50.

Iowa Gold Mine—(95 days.) A handsome early corn ripening a few days after Pride of the North; ears are of good size, very even and uniform in shape, cob small, with very deep grains of a bright, golden color. Quart, 10c; $\frac{1}{4}$ bu., 50c; bu., \$1.50.

Improved Golden Beauty—A cross between the Golden Beauty and the old Gumbo King. Kernels much longer than the Golden beauty and cob much smaller. One of our customers grew an average of eighty-five bushels per acre on forty acres. We consider this the best late corn grown; about 100 to 110 days. Quart, 10c; $\frac{1}{4}$ bu., 50c; bu., \$1.50.

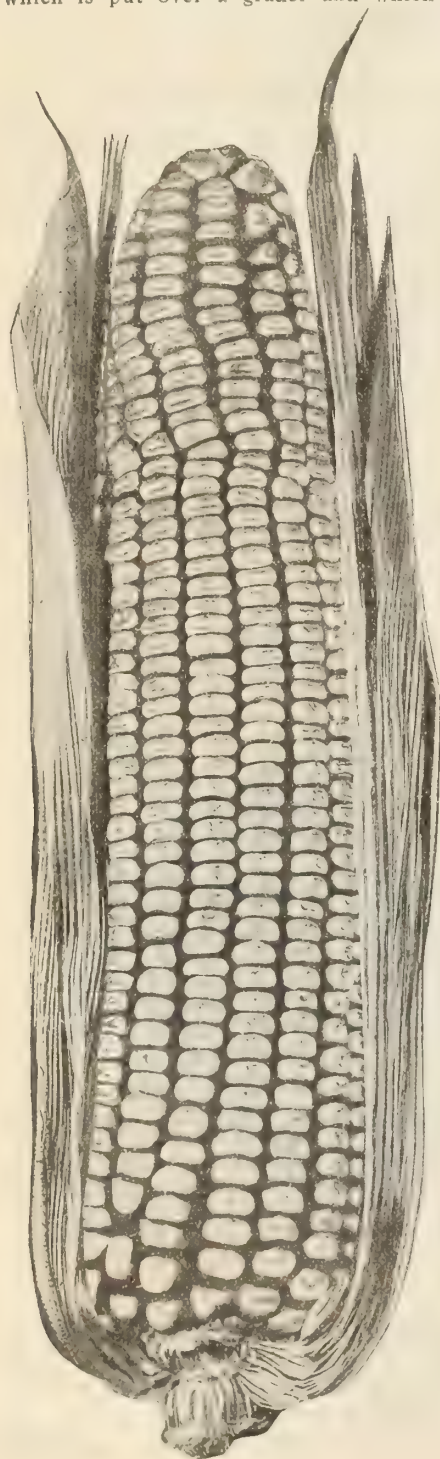
Reid's Yellow Dent—This corn has become famous as a prize winner at all county fairs. Resembles the Yellow Dent, but kernels are much deeper and a little later in maturing. A fine yellow corn and one that will please you. Quart, 10c; peck, 50c; bu. \$1.50.

Mammoth Calico Dent—A large, vigorous grower, producing 75 to 85 bushels per acre; kernels same shape as Yellow Dent, but longer and broader, speckled with blotches of deep red. One of the best corns grown for general farm uses. Quart, 10c; $\frac{1}{4}$ bu., 50c; 1 bu., \$1.75.

Iowa Silver Mine—(100 days.) The ears measure from 10 to 12 inches in length and often weigh $1\frac{1}{2}$ lbs. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. Quart, 10c; $\frac{1}{4}$ bu., 50c; bu., \$1.50.

Champion White Pearl—(100 days.) Stalk short and thick. The grains are pure white, deep and heavy. Quart, 10c; $\frac{1}{4}$ bu., 50c; bu., \$1.50.

Boone County White—King of the white corn. Stands the drought better and is more wind resistant than any white corn known. It has a medium length cob and long, deep, rough kernels. Averages from eight to eleven inches in length. Round at butt and tip. Price, $\frac{1}{4}$ bu., 50c; 1 bu., \$1.50.



GRASS AND FIELD SEEDS



Red Top.

CLOVER, TIMOTHY, ALFALFA, ALSYKE, BLUE GRASS, RED TOP, ETC.

We handle only two grades, viz: Choice and Fancy, which are the best that can be obtained, and as free from weed seed as modern machinery will clean it.

All prices quoted below are subject to market changes. No charge for bags, but bags will be weighed in, on a basis of one pound per bag. If in need of anything not listed in this catalogue, write us for prices. If to go by mail add ten cents per pound for postage.

Red Clover—The most important crop for hay, pasture and enriching the land. Sow twelve to fifteen pounds to the acre.

Fancy Red Clover, 30c per lb.; \$25.00 per 100 lbs.

Choice Red Clover, 25c per lb.; \$24.00 per 100 lbs.

Mammoth or Sapling Clover—This clover is a rank grower and is the most valuable for farm purposes of all the clovers, foliage much darker. Good variety to sow with Timothy and Red Top when wanting a Clover and Timothy hay.

Fancy Mammoth Red Clover, 25c per lb., \$24.50 per 100 pounds.

Choice Mammoth Red Clover, 25c per lb., \$23.50 per 100 pounds.

Alfalfa—This is the most popular clover sown, and is grown in almost every state in the Union, but thrives best in the Western states. Alfalfa will thrive in almost any soil except a wet one. Resists drought and produces from three to ten tons per acre. Can be sown either fall or spring. Sow from 20 to 30 pounds per acre according to soil. If you are not already growing a crop of this you surely ought to try it. It is the best money maker of anything on the farm. We quote:

Fancy Native Seed, 20c per lb., \$18.00 per 100 lbs.

Choice, 20c per lb., \$16.50 per 100 lbs.

Turkestan, 25c per lb., \$20.00 per 100 lbs.

Alsyke or Swedish Clover—This clover is suitable to wet land and will produce a good crop where others fail. When mixed with Timothy makes one of the best pastures obtainable. It is sometimes sown for bees, also valuable hay crop. Every farm should have a field of Alsyke and Timothy.

Fancy, 25c per lb., \$22.50 per 100 lbs.

Choice, 25c per lb., \$21.00 per 100 lbs.

White Clover—It should be used with all permanent pasture mixture, used also for lawn mixtures.

Fancy, 40c per lb.; 2 lbs., 75c; \$35.00 per 100 lbs.

Choice, 40c per lb.; 2 lbs., 75c; \$33.50 per 100 lbs.

Sweet Clover—It grows from four to six feet high. Splendid for bees. Sow in drills sixteen inches apart, ten pounds per acre. Per lb., 20c; \$16.50 per 100 lbs.

Fancy Kentucky Blue Grass—Per lb., 35c; \$30.00 per 100 lbs.

Mixed Blue Grass—30c per lb.; \$25.00 per 100 lbs.

PERMANENT PASTURE MIXTURE.

Owing to the severe drought last season many pasture fields have been ruined, and we recommend a Permanent Pasture Mixture, composed of popular grasses that will withstand drought or thrive in a wet season; this we have obtained in this mixture of eight different grasses; a mixture we believe will answer every purpose and prove more than satisfactory to our customers. Per lb., 25c; 50 lbs., \$10.50; \$20.00 per 100 lbs.

Red Top Solid Seed—Free from Chaff.—

Fancy, 25c per lb.; \$22.50 per 100 lbs.

Choice, 25c per lb.; \$21.00 per 100 lbs.

English Blue Grass or Meadow Fescue—Grows two to three feet high. One of the earliest and most nutritious of all grasses. Makes good hay. It grows better on poor soil than any other grass. Sow fifteen to twenty pounds per acre. Per lb., 35c; \$33.00 per 100 lbs.

Timothy—Used most extensively for hay and surpassed by none. The last two seasons have been very unfavorable to this crop, and prices are correspondingly high.

Fancy, per lb., 25c; \$20.00 per 100 lbs.

Choice, per lb., 25c; \$19.00 per 100 lbs.

English Perennial Rye Grass—This grass is used largely in Europe for permanent pastures; it is being used more and more each year in this country for pasture and hay. In the Southern states it is used largely in lawn mixtures. Per lb., 15c; \$12.50 per 100 lbs.

Italian Rye Grass—Similar to English Rye Grass. Used very much for pasture purposes for sheep. Excellent for lawn. Per lb., 15c; \$12.50 per 100 lbs.

Bromus Inermis, or Hungarian Broom Grass—Can be sown either in early fall or spring. Next to Alfalfa this is one of the most promising grasses sown in the Western states. It is a great drought resister and stands the wet and cold. It has been extensively planted by stock raisers. Been recommended by the Kansas State Agricultural College. In planting this seed you must remember that it does not do its best until second season and seldom produces seed the first year. Per lb., 15c; \$12.50 per 100 lbs.

Orchard Grass—Used for sowing under trees and in orchards, and valuable for grazing or hay. Sow 20 to 25 lbs. per acre.

Fancy, 25c per lb.; \$22.50 per 100 lbs.

Choice, 25c per lb., \$20.00 per 100 lbs.

Sweet Vernal—This grass is sown for its pleasant fragrance during the cutting of the hay, and is used with mixed lawn grass or permanent pasture mixture. Sow five pounds per acre. Per lb., 40c; \$35.00 per 100 pounds.

Johnson Grass—This grass is only sown in the South, Southern Kansas being about the limit. Grows with long, cane like roots, resembles sorghum. Sow 25 to 30 pounds per acre. Per lb., 20c; \$15.00 per 100 lbs.

Bermuda Grass—Used in the South for lawn purposes. Will winter kill in this immediate vicinity. Per lb., \$1.50.

Dwarf Essex Rape—Every farmer who has hogs, sheep or young stock should grow a little rape each year. A feed lot in Rape will give you green feed during the summer months, and you will be more than repaid. It is often sowed in oat fields, which makes a fine fall pasture for sheep. Sow six pounds to the acre. Price, per lb., 10c; 10 lbs., 90c; per 100 lbs., \$8.00.



Teosinte.

Sand Vetch—This is a valuable forage plant. Belongs to the pea family, but the vines grow much longer and have more abundant foliage. It is also very valuable as a soil builder, as it restores nitrogen. It is an annual, but drops its seed freely and will come up year after year on the same ground. Sow with oats, barley or rye, etc. It succeeds on almost any soil and should not winter kill.

Sow Vetch in fall. The ground is then covered before winter, which prevents washing. Also sow in April and you can cut in July, the second crop being a fine hog pasture during the summer. Yields from ten to fifteen tons per acre. Sow 20 pounds to the acre. **Per lb., 20c; per 100 lbs., \$15.00.**

Spring Vetch—Similar to Sand Vetch, but sown in the spring only. **Per lb., 15c; per 100 lbs., \$10.00.**

Teosinte—Finest forage plant grown. The leaves resemble those of corn, but are longer and narrower. Plants grow from ten to twelve feet high; both the green and the dry fodder is greatly relished by stock. The yield per acre on an average for three years was 23.9 tons per acre. Plant in rows 3 feet apart and thin out to one foot in the row; about two pounds to an acre. The field of Teosinte as shown in the photograph was planted June 19th and cut September 19th, and yielded 39 shocks on 1-6 of an acre cut four rows one way; the shocks were as large and some larger than corn cut 16 rows each way. **¼ lb., 50c; 1 lb., \$1.50.**

Broom Corn—Extra Early; lb., 10c; cwt., \$5.00.

Standard; lb., 5c; cwt., \$3.50.

Missouri Evergreen; lb., 5c; cwt., \$3.50.

Oklahoma Dwarf; lb., 5c; cwt., \$4.50.

Buckwheat—Japanese; per lb., 5c; cwt., \$3.50.

Silverhulled; per lb., 5c; cwt., \$3.50.

Common; per lb., 5c; cwt., \$3.50.

Cow Peas—Whippoorwill; per bu. of 60 lbs., \$3.50.

New Era; per bu. of 60 lbs., \$3.50.

Canadian Field; per bu. of 60 lbs., \$3.00.

Cane—Early Amber; per lb., 5c; per cwt., \$4.00.

Early Orange; per lb., 5c; per cwt., \$3.50.

Red Top; per lb., 5c; per cwt., \$3.50.

Kaffir Corn—White; 5c per lb.; cwt., \$2.00.

Red; 5c per lb.; cwt., \$2.00.

Millet—Common; lb., 5c; per cwt., \$3.00.

German; lb., 5c; per cwt., \$3.00.

Siberian; lb., 5c; per cwt., \$3.00.

Hog or Broom Corn; lb., 5c; per cwt., \$3.50.

Hungarian; lb., 5c; per cwt., \$3.50.

MISCELLANEOUS FARM SEEDS.

Barley—Beardless; per bu., 48 lbs., \$1.75.

Common; per bu., 48 lbs., \$1.50.

Castor Beans—Per bu., 46 lbs., \$3.25.

Canary—1 lb., 10c; 3 lbs., 25c; cwt., \$6.00.

Flax—Per bu., 56 lbs., \$3.50.

Hemp (Russian)—1 lb., 10c; 3 lbs., 25c; cwt., \$6.00.

Rye—Per bu., 56 lbs., \$1.35.

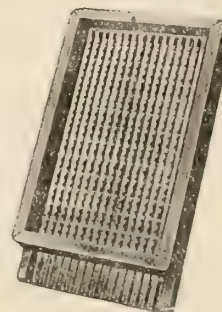
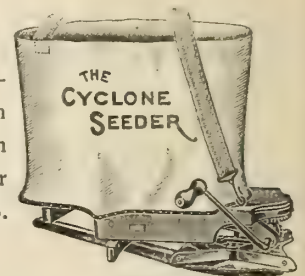
Speltz or Emmer—Per bu., 40 lbs., \$1.25.

Sunflower—Per lb., 10c; 3 lbs., 25c; cwt., \$6.00.

Wild Rice—Per lb., 25c; per cwt., \$20.00.

Prices on all field seeds listed in this catalogue are subject to market changes. Will send samples and prices on request at any time.

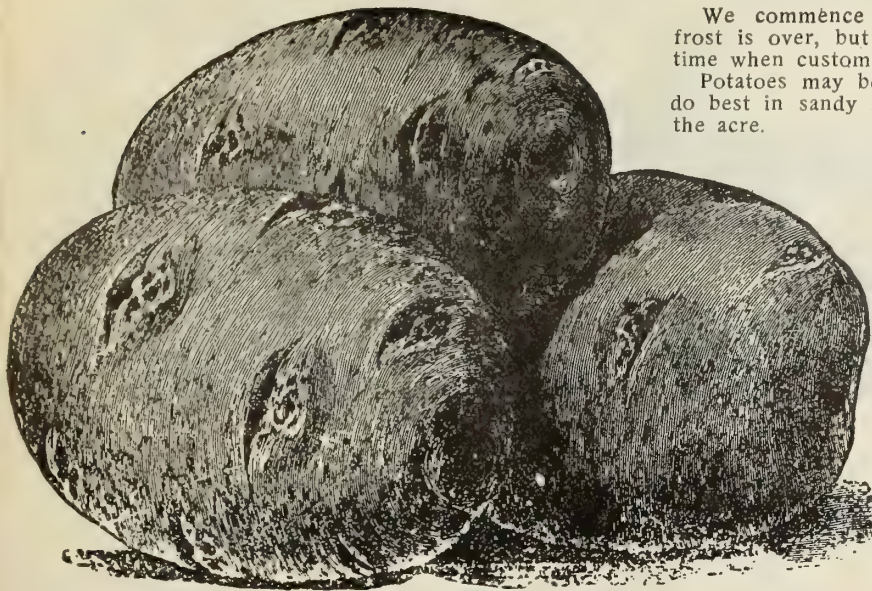
This Seeder will pay for itself in one day by a saving in time and an even distribution of the seed. Every farmer should have one; **price \$1.75.**



HAND SEED CORN GRADER—The most useful and necessary implement a corn grower can have. The Planters Patent Grader works like a charm. It gives you a good stand—that means more corn, more money. No corn planter can drop grains that are not regular. Order one of these graders. We have either the single or double screens, like cut. **Prices: Single screen, \$1.00; Double screen, \$1.50.**

SEED POTATOES, NORTHERN GROWN

Write for Prices on Large Lots. Subject to Market Changes.



We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

Potatoes may be grown in any ordinary soil, but do best in sandy loam. Ten bushels cut tubers to the acre.

We offer the following standard varieties, all northern-grown.

Extra Early Ohio—The main potato for early planting; with the exception of the Early Triumph, this is the earliest potato grown. Pk., 50c; bu., \$1.60; 5-bu. lots and over, \$1.50 per bushel.

Early Triumph—The earliest potato grown, and one that every gardener should plant at least a few of for early market. Potatoes are of medium size; color a light red; round and uniform in shape. Pk., 50c; bu., \$1.60; 10-bu. lots and over, \$1.50 per buhsel.

Extra Early Ohio—Red River Stock.

Early Rose, Early Beauty of Hebron, Late Rose, Rural New Yorker, Late; Burbank's Late; Peerless.

All above, $\frac{1}{4}$ bu., 40c; $\frac{1}{2}$ bu., 75c; bu., \$1.50; 5-bu. lots and over, \$1.40 per bushel.

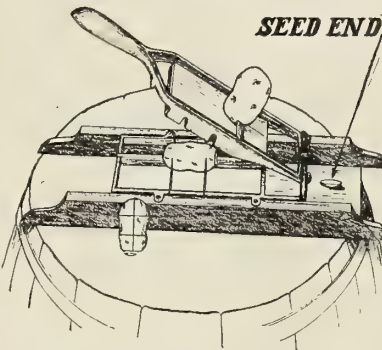
Irish Cobbler—Similar in shape to the Early Ohio but a little longer. Fine appearance, white in color and a vigorous grower. This new potato is taking the place of the Triumph and Early Ohio among our planters and truckers, and wherever planted has given good satisfaction. Fully as early as the Early Ohio and stood the

drought much better last season, producing twenty per cent more potatoes than the Early Ohio in the same field.

Price: $\frac{1}{4}$ bu., 75c; $\frac{1}{2}$ bu., \$1.25; 1 bu., \$2.00; 5-bu. lots and over, \$1.75 per bu.

THE MILLER SEED POTATO CUTTER

The construction is very simple, built for accuracy as well as convenience. Strong and durable; the knives are of good quality steel and are fitted to grooves in frame, making them easy to remove if necessary. It will cut any size potato in pieces uniform in size, thereby insuring more accurate planting when power planter is used. From six to eight bushels can be cut with it in an hour. The saving in time alone will more than pay for this cutter the first season it is used. Instructions for operating sent with each machine.



Capacity 6 to 8 bu. per hour

24 inches long 8 inches wide
weight 8 lbs. Cutter will last a
lifetime. Can you afford to be
without one?

Price \$2.50

USEFUL INFORMATION

Quantity of Seed Required for a Given Number of Hills.

	Hills
Pole Beans	1 qt. to 50
Corn	1 qt. to 200
Cucumbers	2 oz. to 50
Watermelons	2 oz. to 30
Muskmelons	2 oz. to 60
Pumpkins	2 oz. to 20
Squash	2 oz. to 30
Okra	2 oz. to 100

Quantity of Seed Required for a Given Length of Drill.

	Feet of Drill
Asparagus	2 oz. 50
Beet	1 oz. 60
Beans, Dwarf	1 pt. 60
Carrot	1 oz. 100
Endive	1 oz. 100
Okra	1 oz. 40

Onions	1 oz. 50
Onion Sets	1 pt. 20
Parsley	1 oz. 100
Parsnips	1 oz. 100
Peas	1 pt. 50
Radishes	1 oz. 100
Salsify	1 oz. 60
Spinach	1 oz. 100
Turnip	1 oz. 150

Quantity of Seed Required for a Given Number of Plants.

	Plants.
Asparagus	1 oz. 300
Cabbage	1 oz. 2,000
Cauliflower	1 oz. 2,000
Celery	1 oz. 2,500
Leek	1 oz. 1,500
Endive	1 oz. 3,000
Egg Plant	1 oz. 1,000
Lettuce	1 oz. 2,500
Pepper	1 oz. 1,000

Tomato	1 oz. 1,000
Sage	1 oz. 1,000
Rhubarb	1 oz. 500

Amounts of Seed in Drills Sown to the Acre.

	No. Lbs. to Acre.
Dwarf Beans	75 to 90
Early Peas	65 to 85
Marrowfat Peas	60 to 80
Beets	7 to 8
Mangel Wurzel	5 to 6
Carrots	2 to 3
Onions	4 to 5
Onions for Sets	70 to 80
Onion Sets	300 to 350
Parsnips	4 to 5
Radishes	8 to 10
Rutabaga	1 1/2 to 2
Spinach	8 to 10
Salsify	10 to 12



One of Kansas City's Beautiful Lawns.

HARNDEN'S LAWN GRASS MIXTURES

For Lawns, Shady Nooks, Polo Grounds and Ball Grounds

Nothing is more attractive than a well-kept velvety lawn. We have many beautiful residences in Kansas City, but few artistically designed, well kept lawns. This can only be done by keeping everlastingly at it. Use plenty of fertilizer and good, fresh seed.

In places where the sun will reach your lawn, blue grass will thrive and do well, but in places that are shaded between houses and under trees we recommend our best mixture of Harnden's Evergreen Lawn Grass. It is one of the finest mixtures on the market. Contains grasses essential in making a beautiful, firm, elastic greensward. To succeed in having this lawn after you have started it, it is necessary to use good pure seed and weed-free fertilizer.

There is no comparison between a lawn that is sodded and one that is thoroughly prepared and sowed with seed. Most of the sod that is used is full of different kinds of weeds. When it is laid in dry weather crevices appear, around which the grass dies out, and it does not give a smooth and fresh appearance as when well prepared and sowed with good seed.

Our mixture of lawn grass is composed of short evergreen grass adapted to our climate and made up of finest grasses obtainable suitable for large or small lawns, terraces, embankments, shady places, golf links, parks and polo grounds. Special prices given to parties buying in larger quantities. **Price: per lb., 35c; 3 lbs., \$1.00; 7 lbs., \$2.00; one bushel of 14 lbs., \$4.00.**

Quantities to Use.

- 1 lb. for 350 square feet.
- 5 lbs for 1,750 square feet.
- 10 lbs. for 3,500 square feet.
- 15 lbs. for 5,250 square feet.
- 25 lbs. for one-fourth acre.
- 50 lbs. for one-half acre.
- 100 lbs. for one acre.

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

Harnden's "Shady Nook" Lawn Grass—This grass seed is a special mixture for bare spots and under shade of trees. It is composed of dwarf varieties, which in their wild or native state are found growing in woods or shady places. This is mostly adapted for new lawns which must be spaded well from eight to ten inches deep, thoroughly enriched with fertilizer, soil pulverized and prepared with good germinable seed. **Price, per lb., 45c; 3 lbs., \$1.25; 7 lbs., \$2.50; per bu., \$5.00.**

Harnden's Special Grass Seed Mixture—For Golf Links, Polo and Ball Grounds. It forms a thick turf that will stand hard usage, and grows quick. If the soil is favorable and given proper attention can be used from eight to ten weeks after sowing. Sow seventy to one-hundred pounds per acre. **Per lb., 30c; 3 lbs., 80c; 7 lbs., \$1.75; 100-lb. lots, \$25.00.**

Fancy Kentucky Blue Grass—This grass is widely advertised and is an ideal grass for lawns where the ground isn't tramped over much and where the sun reaches it every day. It is slow to thicken and forms a good sward. It does not hold its color as well as the lawn mixture in hot weather. **Price, 35c per lb.; 3 lbs., \$1.00; per bu., \$4.25.**

Canadian Blue Grass—This blue grass is a native of Canada, but does well in our climate. Resembles the Kentucky blue grass but has a green appearance instead of blue. It is quick to grow and produces a neat lawn when mixed with Red Top and White Clover. This is grass generally sold as blue grass, but it is entirely different from Kentucky blue grass. **Price, per lb., 30c; 3 lbs., 75; 7 lbs., \$1.50; 1 bu. of 14 lbs., \$3.00.**

White Clover—Used extensively on lawns and will thrive on poor soil with less attention than most other grasses. To those who like the white clover mixture we offer fancy seed in one to five pound lots at 40c; ten lb. lots and over, 35c per lb.

HIGH GRADE FERTILIZER



Next to good seeds there is nothing that repays the planter a larger percentage on the investment than good fertilizers. No difference what you plant, the stimulation of a crop will enable it to thrive under adverse circumstances and produce much heavier crops. We offer the well known brand, "Kaw Brand" fertilizers.

Licensed in Missouri, Kansas, Oklahoma and Arkansas as follows:

Manufactured entirely from Stock Yards Manure, highly concentrated through patented processes. One 100 lb. sack is equal to two tons of the richest unbleached manure—properly balanced for different crops. No filler used; all plant food. No strong chemicals to burn and wear out your land. These are actual soil builders and root feeders.

General Fertilizers

Per 100 lbs.

Bone Flour	\$2.50
Land Plaster	1.25
Blood and Bone	1.75
Nitrate of Soda	5.00

If wanted in larger quantities, ask for prices.

Fertilizers

Armour's Lawn Fertilizer—The first application should be made early in spring, or even in the winter, and again in June or July; do this before a shower, if possible.

Use 25 pounds to 1,000 square feet of surface. 25-lb. package, \$1.00; 50 lbs., \$1.50; 100-lb. sack, \$2.50.

Armour's Flower Food

An excellent food for flowers and house plants, insuring a steady growth, healthy foliage and early bloom. ½ lb. pkg., 15c; lb. pkg., 25c; not prepaid. If to go by mail, add 1c per ounce.

SPECIAL BOOKLET PERTAINING TO SCIENTIFIC FERTILIZATION OF ALL CROPS FREE POSTPAID UPON REQUEST.

Analysis

	Am- monia	Phos. Acid	Pot- ash.	Crop.	Price 100-lb. sacks, f. o. b. Kansas City.	Tons.
Kaw Special Fertilizer	2-	4-	5	General Truck	\$1.75	\$24.00
Kaw Potash Mixture .....	.5	4-	6	Alfalfa, Grain, Truck	1.75	22.00
Kaw Grain Grower	2-	8-	2	Corn, Small Grain	1.75	25.00
Kaw Potato Grower	1.3-	4-	7	Tubers, All Root Crops	1.75	24.00
Kaw Sheep Guano	2.5-	2-	1	General Greenhouse	2.50	25.00
Kaw Garden and Grass Grower	4.5-	2.5-	2	Garden, Grass, Lawn	2.50	28.00

We pack Garden, Grass Grower, and Sheep Guano in 50-lb sacks at \$1.50 each; 25-lb. sacks for \$1.00.

KAW BRAND PLANT FOOD—A delicacy for tender plants; producer of beautiful blossoms with fragrant scents. Will make their foliage luxuriant and greatly increase the flowering capacity of all plants. You can't afford to pot a single one without it. Put up in neat, convenient, one-pound cartons at 41c each, postpaid; by express, customer paying charges, 25c each.

Will make close price to parties ordering car lots and can assort car to suit customers.

"Bonora," Nature's Plant Food

Liberal used and highly endorsed by the most prominent growers of the country, good for all kinds of plants, lawns, trees and any place where fertilizer can be used. Retains moisture and enables the plants to withstand drought. Contains all the elements essential to plant life, compounded in such a way as to give the most beneficial results. If you value your crop, lawn, shrubs

or trees you cannot afford to be without this wonderful fertilizer—"Bonora."

Put up in dry form in all size packages as follows:

¾ lb., making 7 gallons	\$0.35
1 lb., making 28 gallons .....	.65
5 lb., making 140 gallons	2.50

Circulars and further information on application.

MAGIC FERN FOOD

—for—

FERNS AND FLOWERS

25 CTS.



IF YOUR ORDER REACHES YOU PROMPTLY TELL YOUR FRIENDS; IF NOT TELL US.

INSECTICIDES AND SPRAYERS



SAVE YOUR FRUIT FROM DAMAGE.

Arsenate of Lead—The widespread increase of the codling moth and other insects injurious to fruit trees causes an annual loss to growers of seven million dollars per year. The surest way to protect your fruit from being wormy or badly damaged is to carry out a regular plan of spraying. The New Process of Arsenate of Lead is a general insecticide for all leaf-eating insects. It contains arsenate in exactly the right proportions and the proper chemical combination to insure sure death to insects feeding on the leaves. Prices as follows:

Barrels 200 lb. and 400 lb., per cwt	\$10.00
Keg 100 lbs., per cwt.	10.50
Kegs 25 lbs., per lb.	12
5 lb. jars, per lb.	.15
1 lb. glass jars, per lb.	.25

The New Brandt Sprayer

No waste of time by stopping to pump it ahead. Can be done as the operator goes along.

For distributing Paris Green, Bordeaux Mixture, etc.

Will spray one or two rows of potatoes at a time as fast as a man walks. Will spray a row a mile long with one filling of three gallons.



THE NEW BRANDT SPRAYER

Prices—Not Prepaid.

Brandt Sprayer, single nozzle	\$5.00
Brandt Sprayer, double and single nozzle	6.50
Brandt Sprayer, tree attachment and both nozzles, complete	7.50

Lightning Compressed-air Spray Pump

NO. 125

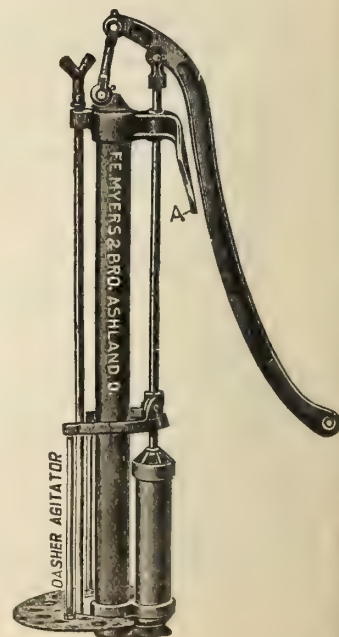
The **Lightning Barrel Spray Pump** has great capacity, and will throw a solid, continuous stream or any size spray desired. The air is compressed into the air chamber, thereby giving an unbroken stream; with one stroke of the pump handle the pressure is retained so that the working of the pump handle is very slow, and yet giving a great force of water, which is accomplished by the compressed air chamber, making it the most rapid spray pump made.

The agitator thoroughly stirs the liquids and prevents it from settling. It is provided with a brass strainer in the bottom of the suction barrel. The suction barrel is made of heavy brass, ground together so that all parts fit absolutely air tight, and will not corrode or rust out. This pump is easily and quickly adjusted to any barrel, provided with means of bolting to the staves of the barrel at the upper end. Price, \$7.00.

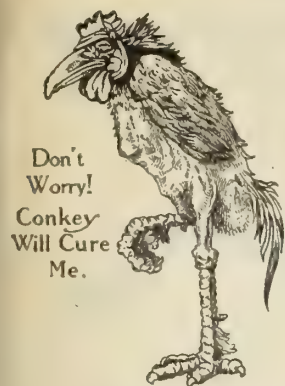
INSURE AGAINST SCALE BY SPRAYING.

San Joe Scale is a factor that nearly every orchardist, farmer and fruit grower must recognize. As a progressive grower you must fight the scale until you have it under control. When it once infests your trees, if left alone, it will never let up until it has killed every tree. The one sure way to control this is to spray while your trees are dormant with Lime Sulphur which protects your orchard from this pest. It is a clear, cherry-colored liquid that will not clog up the spray nozzle, and can be used successfully as spray for fungus diseases and for sucking insects. We price this to you as follows:

Barrel lots, per bbl.	\$9.50
5 gallon cans, at 35c per gal.	1.75
1 gallon cans	.50
1/2 gallon cans	.35
1/4 gallon cans, each	.25



POULTRY SUPPLIES



We carry many different kinds of Feed, Louse Killers and Remedies, and try always to keep up with any new goods of superior quality that come out. We have listed such goods as have been tried and found the best, and as fast as other new articles come out, we will put them in stock.

Conkey's Remedies

Laying Tonic—Finest tonic for egg production. Always produces results. **25c and 50c per package.**

Gape Cure—Positive cure for the gapes. Don't delay in ordering. It may come too late to help your chickens. **Price, 50c per package.**

Conkey's Roup Cure—This cure is world-wide popular for it has produced results more than any other tonic ever known. **25c, 50c, \$1.00 per package.**

White, Diarrhaea Remedy	50c
Bronchitis	50c
Cholera Cure	25c and 50c
Chicken Pox	50c
Limberneck	50c
Scaly Leg	50c
Noxicide	35c and 65c
Sulphur Candles	10c
Poultry Tonic	25c and 50
Head Lice Ointment	1 oz., 10c; 3 oz., 25c
Poultry Worm	per pkg. 50c

If to go by mail add 7c postage on 50c pkgs. Bronchitis, Roup Cure, Chicken Pox, Limber Neck, Scally Leg, White Dairrhoea, Poultry Worm, 5c on 25c pkgs. Rouse Cure, Head Lice Ointment, Cholera Cure, 5c on 10c pkgs. Head Lice Ointment, Sulphur Candles.

Poultry Tonic, Lice Powder, Lice Liquid, Noxicide, Laying Tonic, too heavy to go by mail, can ship with other goods by freight or express.

Conkey has a separate individual cure for each disease. Consider the value of this fact alone.

Conkey's Lice Killer

Conkey's Lice Powder, 5 oz. can, each	\$.10
Conkey's Lice Powder, 15 oz. can, each	.25
Conkey's Lice Powder, 48 oz. can; each	.50
Conkey's Lice Powder, 100 oz. can; Each	1.00
Conkey's Liquid Lice Killer, 1 qt. can; each	.35
Conkey's Liquid Lice Killer, 2 qt. can; each	.60
Conkey's Liquid Lice Killer, 1 gal. can; each	1.00
Conkey's Liquid Lice Killer, 5 gal. can; each	4.00

Noxicide in 35c and 60c cans the best disinfectant for spraying barns, chicken houses on the market.

Harnden's Lice Powder

Sold only in 25c packages.

Pratt's Poultry and Stock Remedies

We carry a full supply.

Harnden's Peerless Hen Feed

50-lb. bag	1.00
25-lb. bag	\$0.50
100-lb. bag	2.00

Harnden's Peerless Chick Food

A dry food for small chicks. Sample upon request.	
5 lbs.	\$0.15
10 lbs.	.30
25 lbs.	.75
50 lbs.	1.15
100 lbs.	2.25

Harnden's Pigeon Feed

25-lb. bag	\$0.75
50-lb. bag	1.25
100-lb. bag	2.50
Rolled Oats—5c per lb.; per 100	\$3.00
Steel Cut Oats—5c per lb.; per 100	3.50

We have at all times Kaffir Corn, Sunflower, Hemp, Canadian Field Peas, Wheat, Rye, Corn, Corn Chop, Bran, ask for prices.

Ground Beef Scraps

Especially prepared for poultry food; not common meat scraps; feed three times a week, at the rate of about a handful to every three birds.

5 lbs.	\$0.25
10 lbs.	.40
100 lbs.	3.50

Crushed Bone

Fine or Coarse.

4 lbs.	\$0.15
100 lbs.	3.00

Charcoal--Granulated

An excellent corrective for the fowls, and keeps them healthy.

1 lb.	\$0.05
6 lbs.	.25
25 lbs.	.75
100 lbs.	3.00

Alfalfa Clover Meal

This is today considered an absolute necessity, and is the standard "green" for winter egg production.

8 lbs.	\$0.25
16 lbs.	.50
100 lbs.	1.75

POULTRY SUPPLIES—Continued

Linseed Meal—Ground Oil Cake

4 lbs.	\$0.15
100 lbs.	3.00

Linseed Meal—Ground Flax Seed

1 lb.	\$0.10
100 lbs.	6.50

Crushed Oyster Shell

5 lbs.	\$0.10
12½ lbs. ....	.25
100 lbs. ....	.85
5-sack lots, per sack .....	.75

Oyster Shell—Chicken Grit



In place of both of these we are using what is called "Cry-Co" which is now recognized as better than either one. The leading poultry raisers all over the country are using it now in preference to any other oyster shell. It comes in three sizes, chick size, broiler size and large size. The medium or broiler size is the one most sold.

5 lbs.	\$0.10
12½ lbs. ....	.25
100 lbs. ....	.85

Mica Grit

Coarse or Fine.

4 lbs.	\$0.10
12 lbs. ....	.25
100 lbs. ....	.90

Leg Bands



Champion Leg Band.

"Champion"—See cut. Made of aluminum, adjustable to fit any fowl, in two sizes, 3-inch and 4-inch.

12 for	\$0.15
25 for .....	.30
50 for .....	.50
100 for, postpaid .....	.90

Champion Poultry Marker

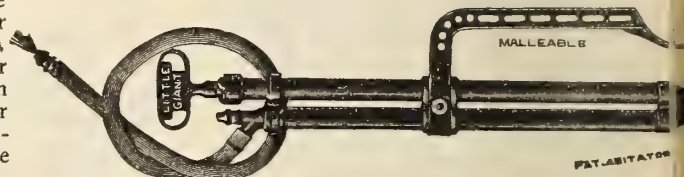
35c, Postpaid.

Tennessee Grinding Mill



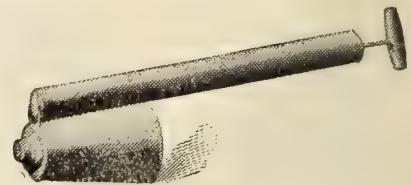
Above cut gives an idea of a cheap and handy grinding mill for farm and family use. It is readily taken apart for cleaning or oiling, without the use of any tools. Easily adjusted for fine or coarse grinding of wheat, corn or other dry grains. Weight, complete, 14 pounds. Price, \$2.50.

Little Giant Spray Pump No. 1



Constructed entirely of brass; all labor is done on the downward stroke; provided with large air chamber and ball valves, so that the nozzle throws a continuous spray.

The best pump for spraying your chicken house, etc., with whitewash. Very strong and throws a steady spray. Price, each, \$3.00.



No. 104.

No. 104—Made of heavy tin, each \$0.50

Antiseptic Nest Egg

The Great Discovery for Ridding Poultry of Vermin.

The least trouble to use of any remedy on the market. Only place the egg in the nests, they do the work. Each \$0.05
Per dozen60

CHINA NEST EGGS—3 for 10c; per dozen, 40c.

POULTRY SUPPLIES—Continued

SANITARY FEEDING BOXES, COOPS, NESTS, WATER- ING CANS AND TROUGHS.

The last few years poultry raisers have found that many diseases have sprung up among their chickens, and a great many times is caused by unsanitary feeding boxes, nests, coops, and watering cans. We have had quite a demand for sanitary devices and have selected from different manufacturing concerns over the country such as we have tried out and know are good, see offer below, the best that can be had.



Sanitary Self Feeding Box

Made of galvanized iron. Saves waste; holds four quarts.
Per dozen\$5.50
Each50

I. X. L. Wall Feed Trough



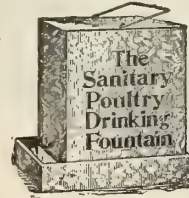
This trough is made of galvanized iron in five sizes. No one raising chickens should be without them. Just the thing for mash feeding. Also used for water and dry feeding.

No. 0 12 inches long, 2½ inches deep; price.....	\$0.20
No. 1 18 inches long, 3½ inches deep; price.....	.25
No. 2 24 inches long, 3½ inches deep; price.....	.30
No. 3 30 inches long, 3½ inches deep; price.....	.35
No. 4 45 inches long, 3½ inches deep; price.....	.50

Star Wall Fountain

This Fountain is made of best galvanized iron. Will not rust and will last years. Quick and easy to fill and convenient to carry.

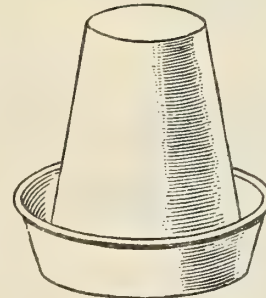
1 qt.	\$0.30
2 qt. ....	.40
1 gal. ....	.50
2 gal. ....	.75



SQUARE SANITARY DRINKING FOUNTAIN.

Keeps the water clean.

1-gallon	\$0.50
2-gallon .....	.75



THE ECLIPSE DRINKING FOUNTAIN.

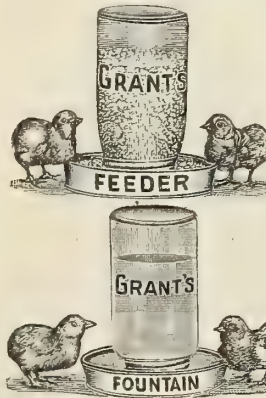
These fountains are made of heavy galvanized iron. Well made in every way, not injured by freezing, easily cleaned and filled and much admired by many breeders. One and two quart sizes are fine for brooder use as pans are low for chicks and they cannot get in and get wet. Pans are made of one piece. This fountain will give good satisfaction. Made in four sizes.

1 qt.	\$0.25
2 qt. ....	.35
1 gal. ....	.50
2 gal. ....	.75

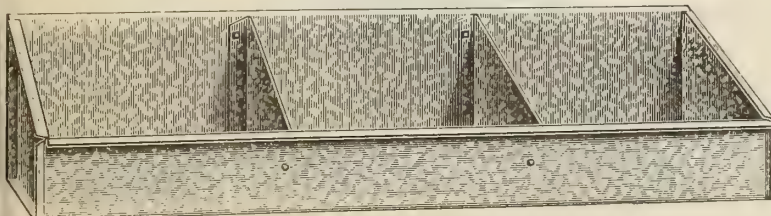
Special prices in dozen lots.

Any size Mason glass jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense.

Each	\$0.20
Per dozen	2.25



W-K Sanitary Chicken Nest

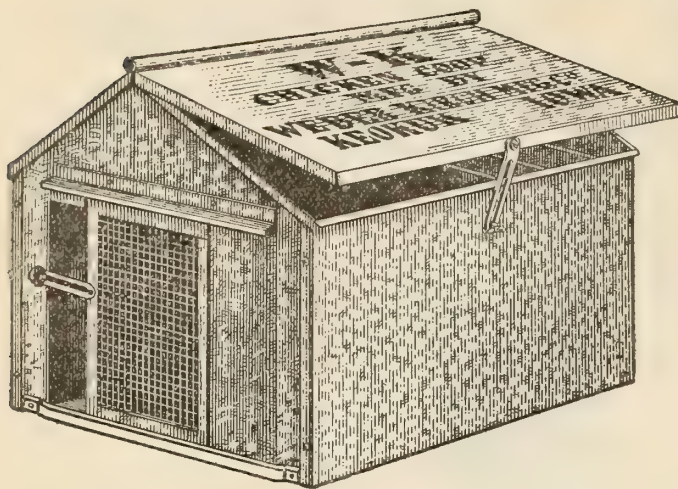


No more mites in your chicken nest, as lice cannot live in a metal nest.

The W-K Nest is sanitary, light and airy. It is cheaper and better than a wooden nest. Size each nest 11x11 inside; total outside 36 in.

Each	\$ 1.00
Per dozen	11.00

POULTRY SUPPLIES--Continued



Save the Chickens

THE W-K COOP DOES IT.

Each \$1.50
 Per dozen 17.00

Our Galvanized Iron Coop won't rust, and will last a lifetime.

It is Rat, Weasel, Mink and Skunk proof and Mites cannot live in an iron house.

It is dry and won't absorb moisture.

It is easily cleaned and is perfectly sanitary.

It is put together in grooves and slides, and is held solid simply by small bolts, which may be removed and the coop taken apart in a few seconds. The bottom simply slides in and may be removed and cleaned without lifting the coop, disturbing the chickens or soiling your clothes.

Petaluma Incubators and Brooders

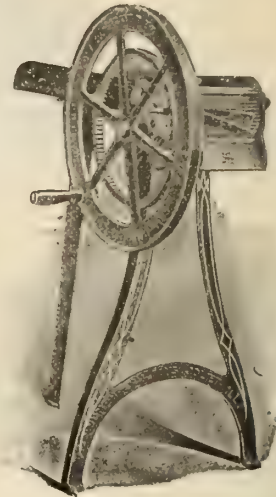
"Petaluma" Incubators are used by the largest hatcheries and poultry raisers in the world.

Model 59—54 Egg capacity, price \$10.00
 Model 80—126 Egg capacity, price 20.00
 Model 81—216 Egg capacity, price 27.00
 Model 82—324 Egg capacity, price 35.00

BROODERS.

	Price.
Model 0—25 to 30 chicks, indoor, fireless	\$ 3.00
Model 23—75 to 100 chicks, indoor, with lamp . .	6.00
Model 25—125 to 150 chicks, indoor, with lamp .	7.50
Model 28—225 to 250 chicks, indoor, with lamp .	13.50
Model 24—75 to 100 chicks, outdoor, with lamp .	11.00
Model 26—125 to 150 chicks, outdoor, with lamp .	16.00

Humphrey's Clover Cutter

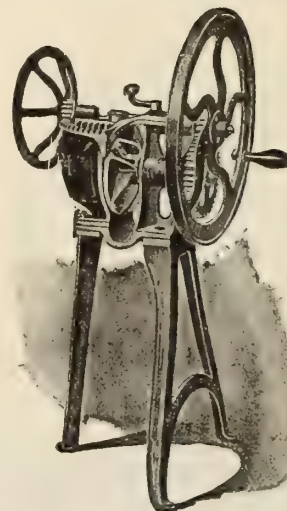


Humphrey's Clover Cutter.

See Cut. Price, \$11.00.

A first-class machine, made of iron and steel. Cuts clover fine or coarse.

Humphrey's Bone Cutter



Humphrey's Bone Cutter.

The only bone cutters that are practical vegetable and kraut cutters.

No. 1 \$12.00
 No. 2 Small Power.. 14.50
 No. 2½ Half Hand
 and Power 16.00

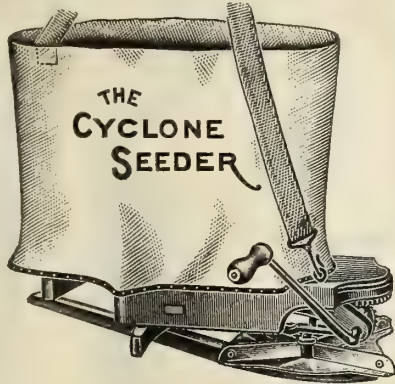
We carry a full line of Poultry Supplies at both Stores, 1418 Grand Ave., and 505 Walnut.

WE HANDLE PETALUMA INCUBATORS AND BROODERS. IF INTERESTED WRITE FOR ILLUSTRATED CATALOG.

SEED SOWERS

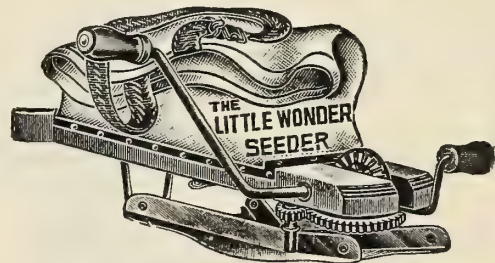
THE VALUE OF A GOOD SEED SOWER IS ALMOST INCALCULABLE.

A good Seed Sower will pay for itself in sowing a few acres, both in the saving of seed, beside work is easily done, and in about one-fifth of the time that would be required to sow it by hand. Price, express or freight, not prepaid.



Cyclone—Differs materially and very advantageously from all other Sowers in having a slop feed board with an oblong hopper which terminates in a metal edge on which edge oscillates a feed plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. Price, \$1.75.

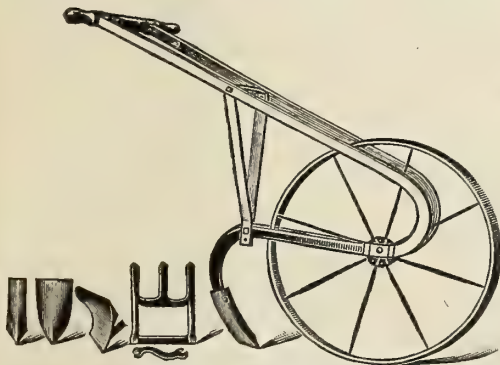
The Chicago Seeder, like the Cyclone, is a strictly first class machine, and will do equally well the same amount



This illustration shows the Little Wonder Seeder. It has steel feed plate, oscillating device and spring-steel bearings and adjustments. It will sow all varieties of field grain and seed, but is especially recommended for sowing grass seed. Price, \$1.25.

THE LEADER.

A Fine Cultivator for the small garden. Has a large wheel which makes it run very easily. Four special attachments: Plow, Rake, Cultivator, Shovel and Bull Tongue. Price, complete, \$3.00.



EXTRACTING THE ROOT

It's Easy with a Cleveland Lawn Weeder

75 Cents
Each



75 Cents
Each

NO MORE BROKEN BACKS!
THIS LITTLE DEVICE GETS AT THE ROOT OF THE EVIL
AND REMOVES IT BODILY.

The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding sod.

Harnden's Hand Garden Tools.



No. 2



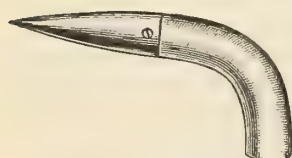
No. 3



No. 4



No. 5



No. 6



No. 7

RUBBER PLANT SPRINKLERS*



No. 8



No. 9



No. 10

- No. 1. Lang's Hand Weeder, each 25c; postpaid, 35c.
 No. 2. Hazeltine Hand Weeder, each 25c; postpaid, 35c.
 No. 3. Transplanter each 25c; postpaid, 35c.
 No. 4. Jackson Onion Hoe, each 25c; postpaid, 35c.
 No. 5. Steel Trowel, (six inch) each 30c; postpaid, 40c.
 No. 6. Steel Trowel, (eight inch) ,each, 35c; postpaid, 45c.
 No. 7. Ladies Flower Trowel, each 25c; postpaid, 35c.
 Common Trowels, 10c, 15c and 25c, extra postage if to go by mail.
 No. 8. Little Giant Mole Trap, each 75c; by express prepaid, \$1.10.
 No. 9. Wood Handle Dibber, each 30c; postpaid, 40c.
 No. 10. Pruning Shears, each 50c, postpaid, 75c.
 We also carry Pruning Shears, two sizes, \$1.00 each; prepaid, \$1.25.

We carry at both stores hanging baskets, plant pots, fern dishes, window boxes, jardineers, cane plant stakes, tree labels and all kinds of rakes, shovels, hoes and other tools used for farm and garden purposes.

The Schollay Plant Sprinklers are made of rubber, with flat bottoms which admit of their standing upright when not in use. They can be used for sprinkling plants, cut flowers; also for dampening clothes, carpets and for disinfecting purposes.

Prices—(Ad 10c postage if to go by mail.)

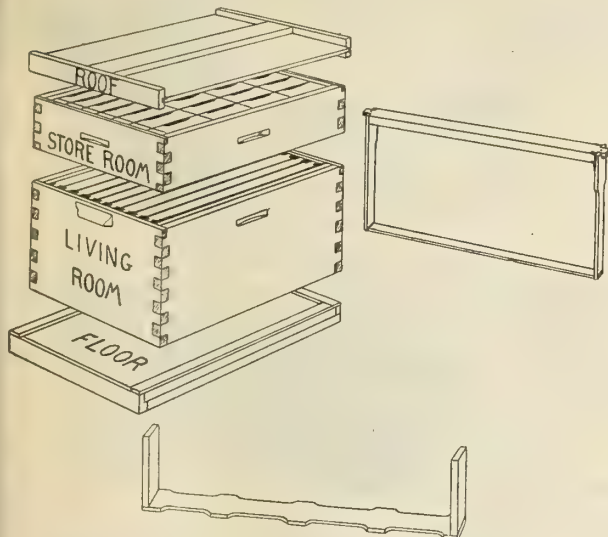
No. 1. 12 oz. capacity, each	\$1.00
No. 2. 7 oz. capacity, each	.90
No. 4. 4½ oz. capacity, each	.60
No. 1. Angle neck, 12 oz. capacity	1.00
No. 2. Angle neck, 7 oz. capacity	.90

SCOLLAY'S PUTTY DISTRIBUTOR.

Price	\$1.00
Liquid Glazing Putty, per 16-lb. can	1.50

BEE-KEEPERS SUPPLIES

We will carry Bee Supplies at both stores, 505 Walnut and 1418 Grand Avenue. These goods are manufactured by the G. B. Lewis Co.



DESCRIPTION OF MAIN PARTS OF A BEE-HIVE.

Floor—This is known in bee supplies as the Bottom and hereinafter called the Bottom.

Living Room—This is known in bee supplies as the Body and hereinafter called the Body.

Store Room—This is known in bee supplies as the Super and hereinafter called the Super.

Roof—This is known in bee supplies as the Cover and hereinafter called the Cover.

The Living Room or the Body is the room in which the bees live.

The Store Room or the Super is the room in which the bees store the surplus honey.

A Brood Frame. A Section Holder.

The Brood Frame is the Frame or Rack, eight of which are placed in the Body of an Eight Frame Hive and ten in a Ten Frame Hive, thus the two different sizes of hives commonly called the Eight and Ten Frame are determined by the number of frames they contain. These frames are rapidly filled with honey comb cells by the bees. In some of these cells are deposited honey or pollen, which serves as food, in other cells brood or young is reared; more of the cells are given up to brood and pollen in the spring and summer and less to honey; while in the fall and winter just the opposite is true, very little brood or pollen being seen and most of the cells filled with honey.

The Section Holder is just what the name signifies; it is a holder consisting of a bottom slat and two end pieces, which holds the sections when placed in the Super.

The Sections or honey boxes are the little square boxes which are placed into the above section holder and then into the Super, which little boxes are then filled with honey by the bees. These little boxes are made of one-piece and fold up into shape like a strawberry box, except that they have no bottom, consisting of the four sides only.

ONE AND ONE-HALF AND TWO STORY HIVES. FOR COMB HONEY.

Not Including Section Boxes or Foundation Starters.

	Nailed and Painted	Nailed Not Painted	In Flat including Nails		
	1 Hive	1 Hive	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame.	\$ 2 75	\$ 2 50	\$ 2 05	\$ 9 50	\$18 50
1½ Story, 10 Frame.	2 90	2 65	2 20	10 25	20 00
2 Story, 8 Frame.	3 45	3 10	2 60	12 00	23 50
2 Story, 10 Frame.	3 65	3 30	2 80	13 00	25 50

With each one and one-half story hive listed above we include the following: One bottom, one cover, one body, eight brood frames with the 8-frame size or ten frames with the 10-frame size, metal frame rests, one division board, two entrance blocks, and one super with section holders, separators for dividing the rows of sections, wedging board and springs for wedging the sections up tight; in fact everything to make a one and one-half story hive complete except the section boxes and the foundation starters. With each two story hive two supers are included instead of one.

Supers are counted as half stories, so that when one super is added to a one-story, such as shown and listed in the opposite column, it makes a one and one-half story hive, and when two supers are added it makes a two story hive.

Note.—Hives for Comb Honey are always sent unless otherwise specified.

ONE AND ONE-HALF AND TWO STORY HIVES FOR COMB HONEY.

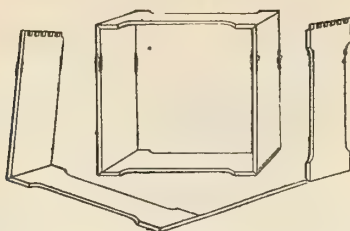
Including Section Boxes and Foundation Starters.

	Nailed and Painted	Nailed Not Painted	In Flat including Nails		
	1 Hive	1 Hive	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame.	\$ 3 15	\$ 2 85	\$ 2 35	\$10 75	\$21 00
1½ Story, 10 Frame.	3 30	3 00	2 50	11 50	22 50
2 Story, 8 Frame.	4 15	3 65	3 10	14 25	28 00
2 Story, 10 Frame.	4 35	3 85	3 30	15 25	30 00

With each one and one-half story or two story hive as listed above is included precisely the same material as is included in the previous lot, except that in addition we include sufficient section boxes for the supers, and sufficient foundation for one-inch starters in the brood frames and sections.

Dovetailed Hives are furnished with different styles of covers and supers, but the one illustrated above is the combination in most common use. The super shown above is what we call the No. 1 or Regular Style, arranged for what is known as the regular or bee-way section 4¼ x 4¼ x 1½. Either of the other styles of supers as shown and described on the following page will be furnished if desired.

BEE-KEEPERS SUPPLIES—Continued



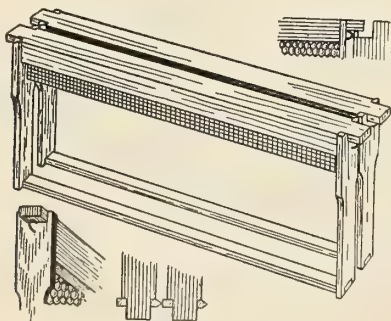
1	4 1/4	OPEN 1	SIDE
2	4 1/4	OPEN 2	SIDES
3	4 1/4	OPEN 3	SIDES
4	4 1/4	OPEN 4	SIDES
10	4 1/4	PLAIN	
11	4 X 5 X 1 1/2	PLAIN	
12	3 3/8 X 5 X 1 1/2	PLAIN	

LEWIS 1-PIECE BRIGHT POLISHED SECTIONS. PRICE LIST OF SECTIONS.

Regular size, 4 1/4 x 4 1/4 x 1 1/2 to 2 inches wide.

	No. 1.	No. 2.	No. 1.	No. 2.
100....	\$ 0.80	\$ 0.70	2000....	\$10.50 \$ 9.50
250....	1.60	1.40	3000....	15.00 13.50
500....	2.75	2.50	4000....	20.00 18.00
1000....	5.50	5.00	5000....	23.75 21.25
10000				45.00 40.00

Plain sections, no bee-ways, 25c per 1,000 less than above prices. Parties wanting more than 10000 will please write for special prices. Sections are regularly crated in lots of 500. Average weight of 1000 bee-way sections is 70 pounds and of plain sections 60 pounds.



BROOD FRAMES.

Self-Spacing Hoffman Frame.

Prices in Flat, including nails, 10 frames, 35c; 100 frames, \$3.00.

PRICE LIST OF COMB FOUNDATION.

In lots of	lbs.	1	5	10	25
Medium brood	per lb.	\$0.57	\$0.55	\$0.53	\$0.51
Light Brood	per lb.	.59	.57	.55	.53
Thin surplus	per lb.	.64	.62	.60	.58
Extra thin surplus....	per lb.	.67	.65	.63	.61

Foundation by mail, 25c per lb. additional for postage.

SIZE AND SHEETS PER POUND.

Medium brood	16 1/2 x 7 3/4	7 to 8
Light brood	16 1/2 x 7 3/4	9 to 10
Thin surplus	16 1/2 x 3 3/4	28
Extra thin surplus	16 1/2 x 3 3/4	32

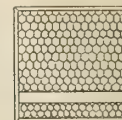
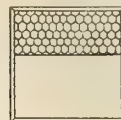


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 1 shows a section with three cornered starter on top and very narrow starter (1/2 inch) on the bottom.

Fig. 2 is another form of starter commonly used.

Fig. 3 is a section with narrow bottom starter and sheet on top, coming within 3/8 inch of the same.

SECTION HOLDERS.

Price—Slotted Section Holders, 100, \$2.20; Plain Section Holders, 100, \$1.80.



These consist of a section slat and two end blocks, and are used for supporting the sections in all Dovetailed and Wisconsin Supers, except the Number Three style. Plain section holders have a plain slat bottom.

WOOD SEPARATORS.

Price—Slotted Sawed Wood Separators, 100, \$1.00; Plain Sawed Wood Separators, 100, \$0.70.

Slotted Style.



Slotted Sawed Wood Separators are used in supers with bee-way sections and are furnished either 4 1/2 x 18 1/8 or 4 1/4 x 17 inches. The 4 1/2 x 18 1/8 is the size used with the Number One Dovetailed and Wisconsin Supers.

Plain Style.



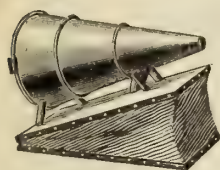
Plain Sawed Wood Separators are used in T Supers and are furnished in sizes 3 1/2 x 17, 17 1/4 x 17 1/2 or 18 in. This Separator can also be used with our Improved Langstroth Simplicity Hive Super, but they are not furnished with hive.

BINGHAM BEE SMOKERS.

	Sizes bbl.	Postage	Each	3
Smoke Engine	4 in.	\$0.25	\$1.25	3.45
Doctors	3 1/2 in.	.25	.85	2.40
Conqueror	3 in.	.25	.75	1.95
Large	2 1/2 in.	.20	.70	1.65
Little Wonder	2 in.	.15	.50	1.35

First three sizes of copper instead of tin, 50 cents each extra.

BEE-KEEPERS SUPPLIES—Continued



CLARK SMOKER.

Each, 55c; 3 for \$1.50.

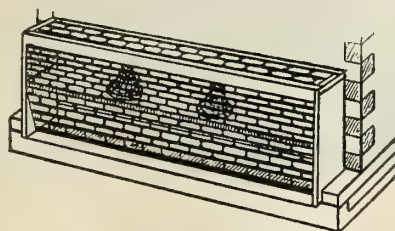
Postage 20c each extra.

This is a Cold Blast Smoker, that is, the blast is forced from the tube in front of instead of through the fire.

ALLEY'S QUEEN AND DRONE TRAPS.

Perforated Zinc Style.

Each, 45c; 10, \$4.00. By mail, 15c each extra.



This is designed to catch and cage the drones in an apartment by themselves. They can then be carried to another apiary, or be destroyed, as circumstances require. The trap will also catch the queen when a swarm issues, and hold her confined until the swarm comes back.

BEE VEILS.

Mosquito Bar, each	\$0.30
All Cotton, each .....	.50
Cotton with Silk Face, each .....	.60
All Silk, each .....	.90
Bee Hat, flexible rim, fits any head .....	.30

Our veils contain 1½ yards of the best material for the purpose. They are made with rubber cord in top to fit around the hat, and the lower edge is bound to prevent the fraying. We furnish four kinds of netting, common mosquito bar, all cotton, cotton with silk face and all silk.

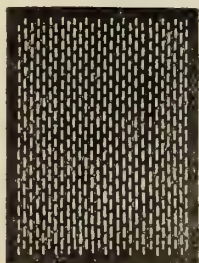


UNBOUND ZINC BOARD.

Prices as follows:

8 frame, 12x19½, 1, 18c; 10, \$1.30. 10 frame, 14x19½, 1, 21c; 10, \$1.50. 10 frame, large, 16x20, 1, 23c; 10, \$1.70.

The Unbound Zinc Board is a sheet of zinc, the outside edge of which is plain as shown in cut. They are placed directly on top of the frames and allow the bees to pass through the holes directly over the space between the frames.



BEE PROTECTORS GLOVES.

Price, either style, large, medium or small, per pair, 50c.

By Mail, 57c.

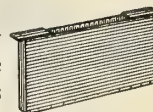


Canvas gloves with long sleeves, with or without fingers. These protect the hands as well as the wrists from stings. An improvement in canvas gloves has been made this season. The canvas is prepared in such a way as to make the glove practically sting-proof.

DOOLITTLE DIVISION-BOARD FEEDER.

Price, nailed, 30c each; 10 for \$2.50; flat, 20c each; 10 for \$1.80.

This is the best and most satisfactory feeder we sell. Having the same outside dimensions as an ordinary division board or brood-frame, it can be used in the brood-nest in the same way. Its construction will be apparent from the illustration. To feed, all that is necessary is to shove the cover back just far enough so that the opening through the top-bar is exposed. Through this pour the feed from an ordinary coffee-pot or tea-pot; close the hive up and the bees are thus supplied without exposing the cluster, and without the necessity of using smoke to drive the bees down.



This feed may be used for stimulating as well as for feeding up for winter, and for either purpose it is away ahead of anything else we sell. As it hangs down in the warmth like a brood frame, the bees will take syrup from it when they would not from any other feeder. It holds three pints.

We sell it either in the flat or nailed up. When sent in the flat, after being nailed up, it should be coated on the inside with hot wax or paraffine to make it tight and to prevent syrup from soaking into the wood. Those we send out nailed up are paraffined on the inside.

We carry Buckwheat, White Clover, Sweet

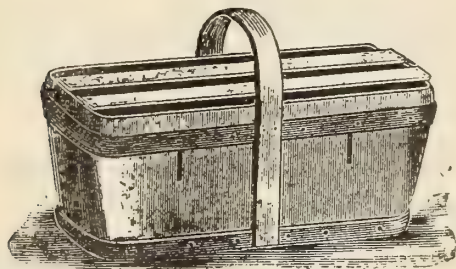
**Clover and all kinds of seed which
are sown for Bees.**

**If in want of anything in Bee Supplies not listed, write for our special illustrated
Bee-Keepers' Catalogue. Sent Free.**

Baskets, Berry Boxes and Fruit Packages

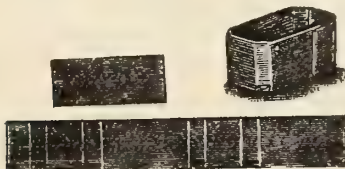
Basket— $\frac{1}{6}$, $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{1}{2}$ Market, per dozen 50c, 10 doz. lots, \$4.50.

Grape Baskets—5 and 7-lb. Climax, per hundred, \$2.50; thousand, \$22.50; with covers add, per hundred, 50c; per thousand, \$3.50.



$\frac{1}{3}$ Bu. Raised Cover Climax.

$\frac{1}{3}$ bushel raised cover Climax for shipping Musk Melon and larger fruit than grapes, per hundred, \$5.50.

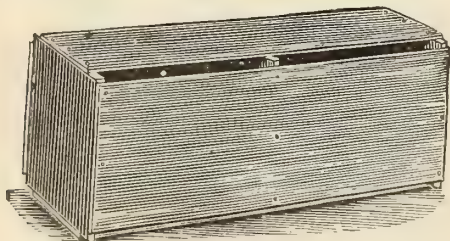


Berry Box.

Picking Baskets— $\frac{1}{2}$ bushel with bale, \$1.50 per doz.

Wire Potato Basket— $\frac{1}{2}$ bushel, each 50c; per doz., \$5.50.

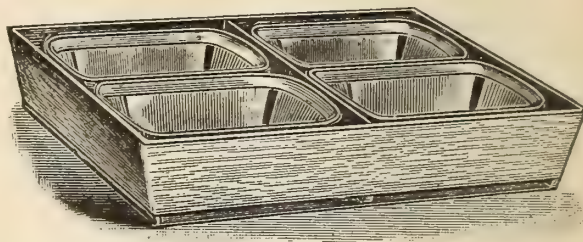
One Bushel Stave Basket— 1.60 per doz., 10 doz. lots \$1.50 per doz.



Apple and Peach Boxes— $\frac{1}{3}$ bu.; per hundred, \$4.00; per thousand, \$37.50; 1 bu., 8x13x22 per hundred, \$8.00; 1 bu., 8x13x22, per thousand, \$77.50; 1 bu., 8x14x22, per hundred, \$8.50; 1 bu., 8x14x22, per thousand, \$82.50.

Tomato Baskets Flat— $2\frac{1}{2}$, 3 and 5 lb., per hundred, \$1.25; per thousand, \$10.00.

Peach Crates—Four basket crates, complete with baskets nested, per hundred, \$9.50; per thousand, \$90.00.



Four Basket Peach Crate.

Berry Boxes—per thousand, \$2.75; 5,000 lots, per thousand, \$2.50.

Crates—per hundred, \$8.00; berry boxes come 500 to the bundle, crates ten.

Berry Box Tacks—per lb., 40c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c. **Magnetic Tack Hammers**—(picks up the tacks); each

25c; by mail, 35c.

Special prices to fruit growers and market gardeners in large quantities. Write for quotations.

Wood Tree Wrappers

To Protect Young Trees from Rabbits

Come 100 in a bundle.

Sizes 10 by 18
10 by 20
10 by 22
10 by 24

Prices \$0.75 per 100
“ 6.50 per 1000

Mexican Chili Supplies

So many Americans are now using the Mexican products that we have added to our stock the Chili Supplies that go to make up Chili Con Carnie, Mexican Tamales, Chili Coloro, and will carry complete stock at both stores. Prices for present delivery as follows:

Large Mexican Chili Peppers, per lb.	\$.30
In five lb. lots .....	.28
Japanese Chili or Quin Pins, per lb. ....	.25
Comino, per lb. ....	.25
Oregano or Sage, per lb. ....	.25
Anise Seed, per lb. ....	.25
Celery, per lb. ....	.25
Caraway, per lb. ....	.20
Poppy Seed, per lb. ....	.20
White Mustard, per lb. ....	.20
Lentils, per lb. ....	.07 1/2
Bay Leaves, per lb. ....	.20
Loose Garlic, per lb. ....	.15
Eagle Chili Powder, 4 oz. bottle ....	.10
Eagle Chili Powder, 12 oz. bottle ....	.25
Eagle Chili Powder, 1 lb. can ....	.75
Eagle Chili Powder, 2 lb. cans	1.25
Chilitomaline, per bottle ....	.25
Chilitomaline, 5 lb. pkg., per pkg.	2.50
Pink Beans, per lb. ....	.08
Mexican Chili Beans, per lb. ....	.06
Corn Husks, per lb ....	.15

In response to the many inquiries from our customers for a receipt to make Chili Con Carnie, we herewith submit the following receipt taken from one of our best Chili Con Carne chefs.

One-fourth pound Chili Peppers, (chopped fine without the seed); one teaspoonful Quinpin, (pulverized); one teaspoonful Comino (pulverized); one teaspoonful Oregano (pulverized); four small pieces Garlic; two pounds of Boiling Beef, chopped fine and a small piece of suet. Mix all together, add a little water and boil until thoroughly done.

Cook two pounds of beans separately, as follows: Soak the beans over night in water, to which a little baking soda has been added; pour off the old and add fresh water, salt and some lard or a piece of bacon; boil until tender. Use a teaspoonful each of Celery Seed and White Mustard for seasoning, if desired.

When serving put the beans in a dish, then pour the Chili over them. Always serve hot.

TIME REQUIRED FOR VEGETABLES TO BE READY FOR USE.

Cauliflower	70 to 100 days
Celery	110 to 150 days
Corn, Sweet, Early	60 to 70 days
Corn, Sweet, Late	75 to 100 days
Cucumbers	65 to 80 days

Egg Plant	120 to 130 days
Kale	50 to 65 days
Lettuce	40 to 50 days
Melons, Water	70 to 90 days
Cantaloupe	65 to 80 days
Okra	50 to 60 days
Parsley	70 to 80 days
Onions	80 to 115 days
Peas	50 to 75 days
Parsnips	80 to 90 days
Radish, Summer	22 to 45 days
Salsify	90 to 100 days
Spinach	45 to 60 days
Tomato	45 to 60 days
Tomato	90 to 120 days
Turnip	60 to 90 days

STANDARD POTS.

Inches	Each	Per Doz.	Per 100	Per 100
2	\$0.03	\$0.15	\$0.75	\$ 5.50
2 1/2	.03	.20	.90	6.25
3	.05	.25	1.25	10.00
3 1/2	.05	.30	1.25	11.50
4	.05	.35	1.75	14.00
5	.05	.50	3.00	23.50
6	.10	.70	5.00	
7	.10	1.10	6.00	
8	.15	1.25	8.00	
9	.20	1.50	9.50	
10	.25	2.25	14.50	
12	.50	3.50		
14	1.00	7.50		
16	2.00	15.00		

Saucers one-third the cost of pots.

STANDARD POTS, WITH SAUCERS. (No Saucers Smaller than 4 Inches.)

Inches	Each	Per Doz.	Per 100
3 1/2	\$0.08	2 for 15c	\$0.40
4	.09	3 for 25c	.50
5	.10	3 for 25c	.65
6	.15		.85
7	.15		1.25
8	.20	3 for 50c	1.50
9	.25	2 for 45c	2.00
10	.30	2 for 55c	2.75
12	.75		3.50
14	1.35		9.50
16	2.50		20.00

Extra charge for packing if to be shipped.

TO OUR CUSTOMERS IN THE CITY. We have established an up-town store, 1418 Grand Ave., where we carry all kinds of seeds, poultry supplies, bee supplies, chicken feed, fertilizer and everything needed by a city gardener. Our 'phones at the new store will be 1618 Grand, Bell, and 1617 Main, Home. Address all mail to 505 Walnut St. Our 'phone number at the office is 1618 Main, both 'phones. We thank you for the liberal patronage you have extended us in the past and trust that we shall merit your trade in the future.

**THE HARNDEN SEED CO., 505 WALNUT ST.,
Kansas City, Mo.**

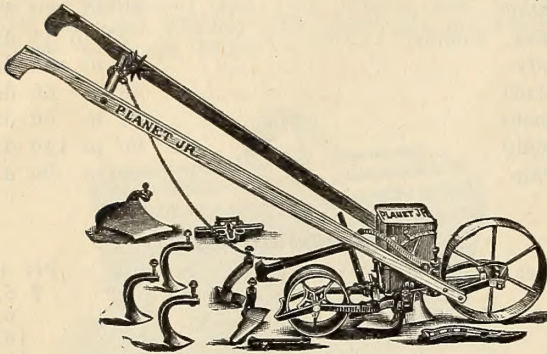


Planet Jr. Garden Tools



64 page Planet Jr. catalog mailed free on application

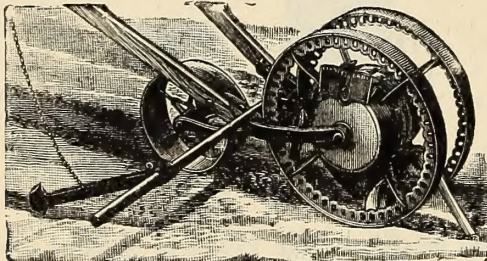
No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty.

Weight 51 lbs. Price Complete\$10.50.
Hold 2½ Quarts as Seeder Only 8.50

No. 2 Planet Jr. Drill Seeder

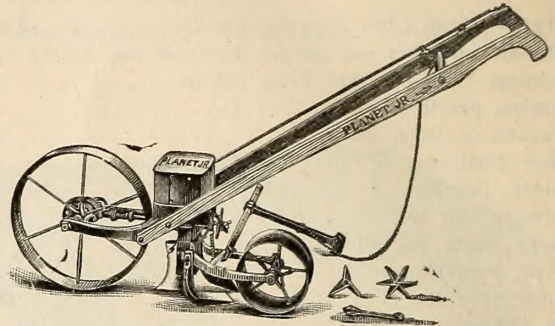


The No. 2 is one of the first really good seed drills ever made in the United States. It has given excellent satisfaction for thirty years, and continues to do so today. Price \$7.50. Holds 3 Quarts. Weight, packed, 38 lbs.



No. 4 Drill in the Family Garden.

No. 3 Planet Jr. Hill and Drill Seeder



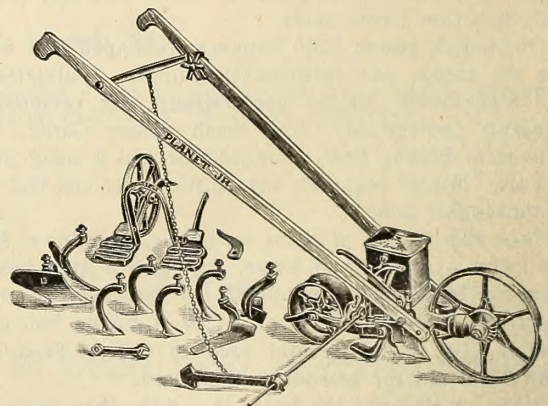
The No. 3 driving wheel is steel with heavy forged steel spokes, not "piano wire," of proper height, with broad face, making the tool light and easy running, even with the hopper filled to the brim.

The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper. . . The hill dropping is simple and reliable; making hills either 4, 6, 8, 12 or 24 inches apart.

A favorite among onion growers, market gardeners and seedsmen.

15-inch Steel Driving Wheel. Holds 3 Quarts of Seed. Weight, packed, 44 lbs. Price\$10.00

No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow



This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.

As a seeder it is practically the same as the Planet Jr. No. 4; will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart, and has the same feed, hill dropping mechanism, and automatic device for stopping the feed, and has also the new seed index. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

Weight, packed, 59 lbs. Holds 2½ Quarts of Seed. Price \$13.00



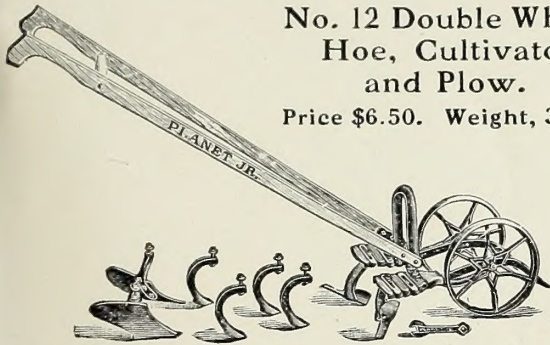
Planet Jr. Garden Tools



Planet Jr. Tools are better made, better finished and capable of more work than any others.

No. 12 Double Wheel Hoe, Cultivator and Plow.

Price \$6.50. Weight, 32 lbs.



This tool has one pair plows, one pair hoes and two pair cultivator teeth. The tools sold with No. 12 are what gardeners use most, and others can be added as wanted.

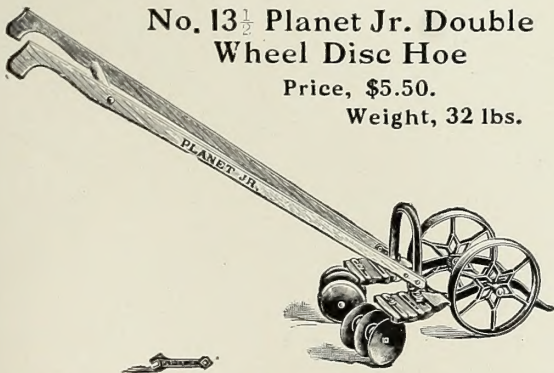
No. 13 Double Wheel Hoe

Price, \$4.75. Weight, 27 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time.

No. 13 1/2 Planet Jr. Double Wheel Disc Hoe

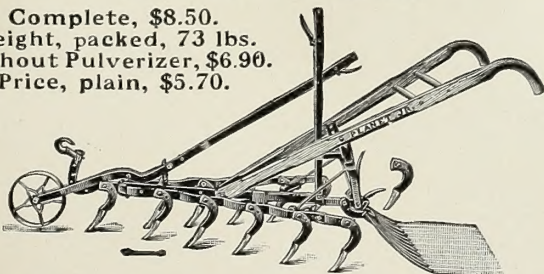
Price, \$5.50.
Weight, 32 lbs.



This tool has one pair of discs and one pair of leaf lifters only.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

Complete, \$8.50.
Weight, packed, 73 lbs.
Without Pulverizer, \$6.90.
Price, plain, \$5.70.



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

No. 17 Planet Jr. Single Wheel Hoe

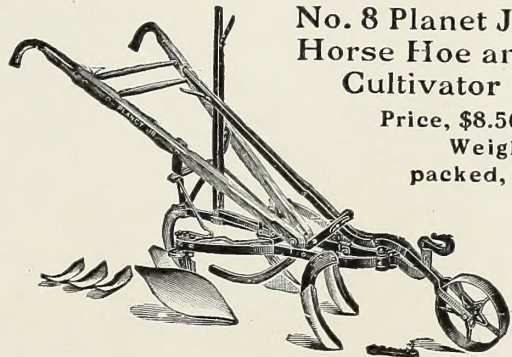
Price, \$4.50.
Weight, 26 lbs.



You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 8 Planet Jr. Horse Hoe and Cultivator

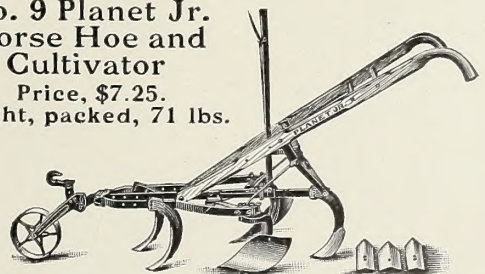
Price, \$8.50
Weight,
packed, 82 lbs.



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from centre again. You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

No. 9 Planet Jr. Horse Hoe and Cultivator

Price, \$7.25.
Weight, packed, 71 lbs.



This admirable tool has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, patent lever Star wheel, patent lever expander, and hollow steel wheel arms.

FIELD, GARDEN AND FLOWER

SEED

THE
HARNDEN
SEED CO.

TWO STORES:
505 WALNUT STREET,
1418 GRAND AVENUE,
(UPTOWN STORE)

KANSAS CITY, Mo.